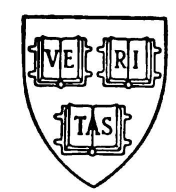





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CATALOG

DER

ASTRONOMISCHEN GESELLSCHAFT.

ERSTE ABTHEILUNG.

CATALOG DER STERNE BIS ZUR NEUNTEN GRÖSSE

ZWISCHEN 80° NÖRDLICHER UND 2° SÜDLICHER DECLINATION

FÜR DAS AEQUINOCTIUM 1875.

SIEBENTES STÜCK.

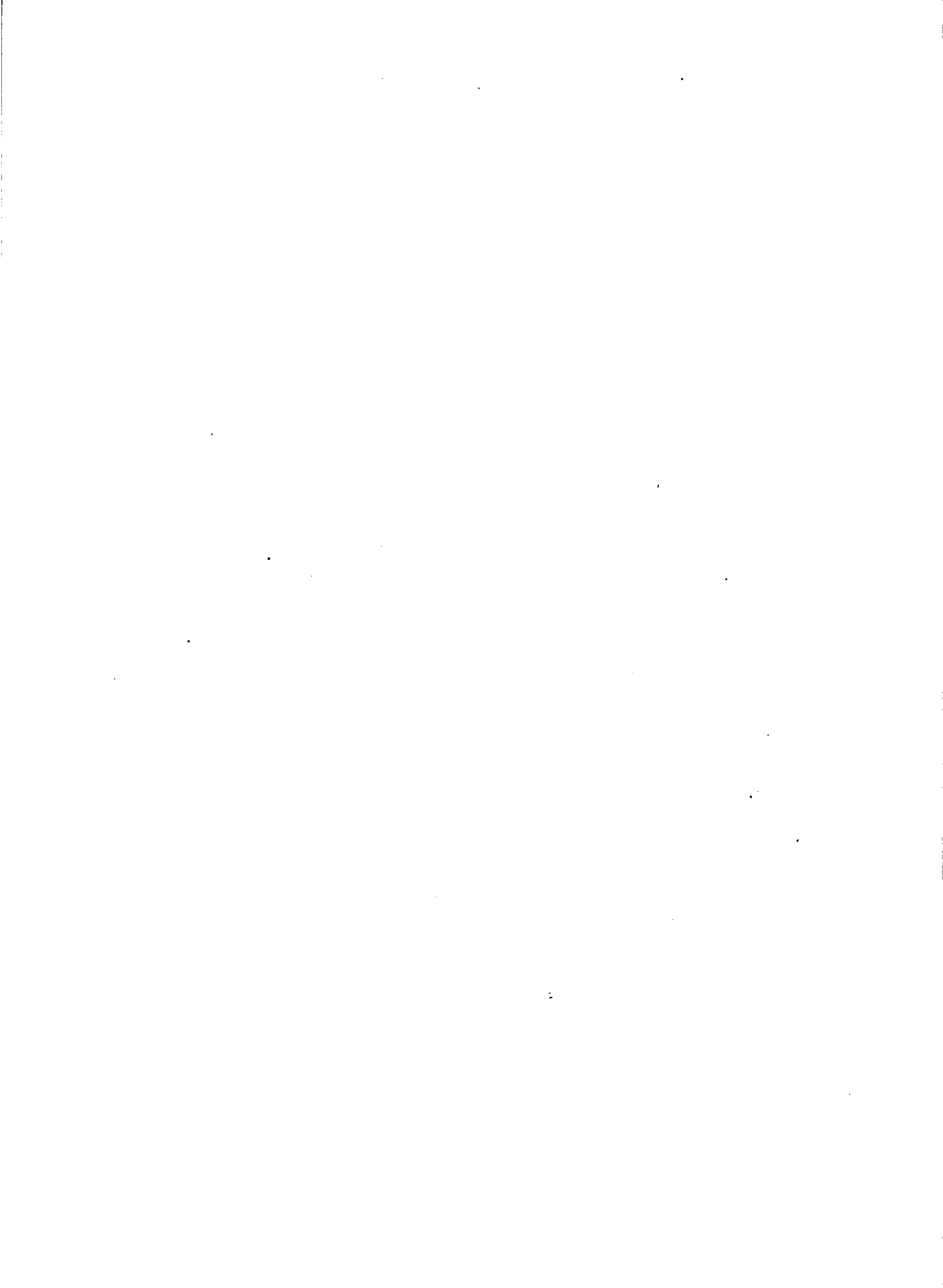
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BEOBACHTET AUF DER STERNWARTE

LUND.

LEIPZIG 1902.

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BEOBACHTET AUF DER STERNWARTE

LUND.

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CATALOG VON 11446 STERNEN

ZWISCHEN 34°42′ UND 40°10′ NÖRDLICHER DECLINATION 1855

FÜR DAS AEQUINOCTIUM

1875

NACH ZONEN-BEOBACHTUNGEN AM REPSOLD'SCHEN MERIDIANKREISE

DER

UNIVERSITÄTS-STERNWARTE ZU LUND

IN DEN JAHREN 1879 BIS 1882 UND 1892 BIS 1895

VON N. C. DUNÉR UND FOLKE ENGSTRÖM.

MIT EINEM ANHANG VON 681 STERNÖRTERN AUS DER ZONE 34°42′ BIS 38°33′
NACH BEOBACHTUNGEN VON A. LINDSTEDT IM JAHRE 1878.

BEARBEITET VON

FOLKE ENGSTRÖM UND A. A. PSILANDER.

HERAUSGEGEBEN VON DER ASTRONOMISCHEN GESELLSCHAFT.

LEIPZIG 1902.

IN COMMISSION BEI WILHELM ENGELMANN

EINLEITUNG.

Nachdem die Astronomische Gesellschaft den Entschluss gefasst hatte, durch zonenweise angeordnete Meridiankreis-Beobachtungen an einer beträchtlichen Zahl von Sternwarten genaue Örter für alle Sterne des nördlichen Himmels bis zu der Grösse 9.0 einschliesslich zu bestimmen, und die dafür nöthigen Vorarbeiten ausgeführt waren, wurde die Zone 35° bis 40° der Sternwarte zu Chicago übergeben. Die Arbeit wurde daselbst alsbald begonnen, und eine nicht geringe Zahl von Beobachtungen war schon angestellt, als der grosse Brand, welcher im Jahre 1871 die Stadt verheerte, die Sternwarte für absehbare Zeit ihrer Hülfsquellen beraubte und vorläufig zur Einstellung ihrer wissenschaftlichen Thätigkeit nöthigte. Der Vorstand der Astronomischen Gesellschaft musste deshalb für anderweitige Bearbeitung dieser Zone sorgen und knüpfte bei Gelegenheit der Astronomenversammlung in Stockholm 1877 dieserhalb Unterhandlungen mit Professor Axel Möller, dem damaligen Director der Sternwarte zu Lund, an. Diese Sternwarte war drei Jahre zuvor mit einem für den Zweck völlig geeigneten Meridiankreise versehen worden und daher, was die instrumentellen Hülfsmittel betraf, im Stande die Arbeit auszuführen. Professor Möller war auch geneigt die Zone für die Sternwarte zu übernehmen. Da aber deren jährliches Einkommen damals zu gering war, musste die definitive Übernahme der Zone davon abhängig bleiben, ob der Reichstag die unerlässlichen Geldmittel bewilligen würde. Um einen nähern Begriff über den Umfang des Unternehmens und damit über die für seine Ausführung erforderliche Summe zu erhalten, machte der damalige Assistent der Sternwarte, gegenwärtig Professor an der Technischen Hochschule zu Stockholm, Dr. A. Lindstedt, im Herbst 1878 einen Anfang mit der Arbeit, wurde aber, als erst wenige Zonen beobachtet waren, als Observator an die Sternwarte zu Dorpat berufen. Die Arbeit ruhte dann einige Monate, bis der Reichstag im Frühjahr 1879 die von der Regierung verlangte Summe bewilligte. Auf Ersuchen von Professor Möller habe ich alsdann, als damaliger Observator der Sternwarte, die Leitung der Arbeit übernommen und die Beobachtungen sogleich angefangen.

Die für den Catalog benutzten Beobachtungen begannen im April 1879 und wurden mit nur kurzen Unterbrechungen mit aller Kraft bis zum Ende des Jahres 1882 fortgesetzt. Mit diesem Zeitpunct waren sie einstweilen zu schliessen, indem fast alle Zonensterne schon zwei Mal beobachtet waren. Dank den sehr günstigen Umständen, welche während der Beobachtungsperiode im allgemeinen geherrscht hatten, waren nämlich im Jahre 1879 5569, 1880 12002, 1881 5271 und 1882 679 brauchbare Beobachtungen von Zonensternen gewonnen worden, und es blieben nur einzelne unbedeutende Lücken auszufüllen, sowie neue Beobachtungen solcher Sterne anzustellen, für welche die schon erhaltenen Ortsbestimmungen sich als nicht genügend übereinstimmend erweisen würden. Bei der starken Beobachtungsthätigkeit waren, wie diess nicht gut anders möglich war, die Reductionen beträchtlich zurückgeblieben. In den folgenden Jahren wurden dieselben zwar theilweise nachgeholt, aber meine und Engström's Arbeiten auf ganz anderen Gebieten der Astronomie mussten doch hemmend einwirken. Gegen das Ende des Jahres 1888 wurde ich als Director der Sternwarte nach Upsala berufen, und Engström, welcher später zum Observator der Lunder Sternwarte ernannt wurde, übernahm die Leitung der Arbeit. Die Reductionen schritten nunmehr rasch vorwärts und waren 1892 so weit fertig, dass Engström an die Ausfüllung der Lücken und an die nöthig befundenen nochmaligen Beobachtungen gehen konnte. Im Jahre 1895 waren auch diese Beobachtungen vollendet. Die Zahl der Beobachtungen von Zonensternen, einschliesslich derjenigen von 1878 und solcher Beobachtungen, welche in Zusammenhang mit denen der Hauptsterne gemacht wurden, war auf 31910 gestiegen, indem 1892 2372, 1893 4616 und 1894–1895 213 angestellt waren.

Nach dem von der Astronomischen Gesellschaft aufgestellten Programm sollten alle Sterne der Bonner Durchmusterung bis zur Grösse 9.0 einschliesslich beobachtet werden, und ausserdem solche schwächere Sterne, welche in den Zonenbeobachtungen der Histoire Céleste, den Königsberger Zonen, sowie in Struve's Positiones Mediae vorkommen. Der auf der Lunder Sternwarte befolgte Beobachtungsplan war insofern hiervon abweichend, als alle in der Bonner Durchmusterung mit B bezeichneten Sterne von den Grössen 9.1 bis 9.5 mit aufgenommen wurden. Diess war in der Beziehung nicht ganz günstig, dass dadurch Sterne in das Programm kamen, deren Helligkeit für das angewandte Instrument, wenigstens unter dem nicht sehr klaren Himmel von Lund, zu gering war.

Ein Blick auf die oft langen Reihen von Beobachtungen eines und desselben Sterns im Tome III der »*Observations des étoiles de la zone entre 35° et 40° de déclinaison boréale faites à l'observatoire de Lund*« zeigt, dass während die Örter der anderen Sterne die von der Astronomischen Gesellschaft geforderte Genauigkeit mehr als erreicht haben, diess nicht bei solchen Sternen erwartet werden darf, welche an irgend einem der Beobachtungstage als 9.5 oder gar schwächer bezeichnet worden sind.

Die Schwäche der in der Bonner Durchmusterung als 9.5 aufgeführten, thatsächlich aber bekanntlich grossentheils erheblich niedrigeren Helligkeitsstufen angehörenden Sterne hat nun auch einen ungünstigen Einfluss auf die Helligkeitsschätzungen der Sterne, welche schwächer als 9.0 sind, ausgeübt. Dem Programm nach sollten die Helligkeitsschätzungen den Grössen der Bonner Durchmusterung angepasst werden, und für die Sterne, welche von der Grösse 9.0 oder heller sind, ist unzweifelhaft die Grösse 9.0 der Bonner Durchmusterung eine sehr passende untere Grenze. Bis zu dieser Grösse hinab zeigen auch die Grössenschätzungen am Meridiankreise zu Lund eine erfreulich gute Übereinstimmung sowohl unter sich wie mit den Helligkeitsmessungen an anderen Sternwarten. Da aber der Beobachter sich bewusst war, dass selbst die schwächsten eingestellten Sterne in der Bonner Durchmusterung als nicht schwächer als 9.5 angesetzt waren, wurde überhaupt keine niedrigere Grösse angegeben. Nur in den Fällen, wo man das Gefühl hatte, dass es überhaupt unmöglich sei, einen Stern auch nur einigermassen genau zu beobachten, wurden noch niedrigere Grössen angegeben, doch kaum je geringere als 10.0. Die Folge davon ist, dass während ich glaube annehmen zu dürfen, dass unsere Grössenschätzungen von etwa 6.0 bis 9.0 einschliesslich recht verlässlich sind, die Amplitude einer Grössenclasse unterhalb dieser Grenze in unseren Schätzungen nicht unbeträchtlich zu gross ist, und dass folglich die im Catalog angegebenen Grössen 9.1—10.0 selbst heller als die wahren sind. Dass auch die Grössenschätzungen der allerhellsten Sterne, wenngleich aus ganz anderen Ursachen, weniger genau sind, braucht kaum bemerkt zu werden.

Wie schon erwähnt, war der für die Beobachtungen angewandte Meridiankreis 1874 für die Sternwarte angeschafft. Derselbe hat eine freie Objectivöffnung von 157^{cm} bei einer Brennweite von 2^{m}28 und ist von Repsold in Hamburg verfertigt. Näher ist das Instrument von Professor Lindstedt beschrieben in seiner Abhandlung: »*Undersökning af Meridiancirkeln på Lunds observatorium jemte bestämning af densammas polhöjd*«. Hier soll daher nur Folgendes bemerkt werden. Der Symmetrie halber ist das Instrument mit zwei Kreisen von 1^{m} Durchmesser versehen, von welchen der eine zwei Theilungen, eine von 2 zu 2 Minuten und eine von 10 zu 10 Minuten hat, während der andere Kreis keine Theilung trägt. An jedem der Pfeiler ist ein kreisförmiger Mikroskopträger angehängt. Nur der eine dieser Träger ist sowohl mit einem Index zur Ablesung der groben, wie mit vier Mikroskopen für die feine Theilung versehen, der zweite nur mit einem Index, um bei zufälligen Umlegungen auf einen Polarstern oder auf den Quecksilberhorizont einstellen zu können. Wird das Instrument in den Zapfenlagern umgelegt in der Absicht, auch in der zweiten Lage Declinationen abzulesen, so müssen während der Umlegung die Mikroskopträgerkreise abgenommen und an den entgegengesetzten Zapfenlagern angehängt werden. Diese Operation ist etwas misslich und recht unbequem, besonders in der Winterkälte. Deshalb wurden alle Beobachtungen in einer und derselben Lage des Instruments angestellt. Um aber möglichst wenig von den Vortheilen zu verlieren, welche durch die Beobachtung jedes Sterns in beiden Lagen des Instruments erzielt werden sollten, wurden nur solche Anhaltsterne, welche innerhalb der Zone selbst oder nur wenige Grad nördlich oder südlich davon stehen, nämlich die Sterne des Fundamental-Catalogs zwischen +32° 0' und +43° 0', angewandt. Dadurch werden etwaige kleine Fehler in den angenommenen Werthen des Collimationsfehlers und der Aufstellungsconstante n, sowie die Biegungen der Axe, des Kreises und des Fernrohrs fast vollständig eliminirt. Die Theilungsfehler sind sowohl von Engström, wie von Lindstedt sorgfältig bestimmt worden. Wir haben es deshalb für zweifelhaft gehalten, ob eine grössere Genauigkeit durch das Umlegen des Instruments gewonnen werden könnte, während es andererseits nicht unmöglich erschien, dass bei wechselnder Lage des Instruments die zufälligen Einstellungsfehler in Declination grösser werden möchten.

Um in möglichst kurzer Zeit möglichst viele Beobachtungen ausführen zu können, wurden Arbeitslisten im voraus ausgearbeitet. Jede solcher Listen umfasste eine Stunde; nur im Anfang ganz ausnahmsweise anderthalb Stunden. Im Anfang der Arbeit, als überall unbeobachtete Sterne in Fülle vorkamen, hatten die Arbeitszonen eine Breite von nur 2°40', reichten folglich entweder von 34°50' bis 37°30' oder von 37°30' bis 40°10'. Erstere Zonen begannen mit dem Anfange, letztere mit der Mitte einer Sternzeitstunde. Die Listen enthielten die Nummer und die Grösse des Sterns in der Bonner Durchmusterung, seine Rectascension und Declination, die Ordnungsnummer eines der Fäden des Meridiankreises und die Sternzeit, wann der Stern

diesen Faden passiren sollte. Im allgemeinen wurde eine Minute für die Beobachtung eines Sterns vorgesehen, später aber, als die Übung der Beobachter grösser geworden war, nur 50ˢ oder noch weniger, bis zu 40ˢ herab. In dem Maasse, als die Zahl der noch zu beobachtenden Sterne abnahm, wurde die Breite einer Arbeitszone auf die ganze Breite der Lunder Zone, folglich auf 5°20' ausgedehnt. Ausserdem entstanden in den späteren Arbeitszonen Lücken, wo keine zu beobachtenden Zonensterne vorkamen. Eventuell wurden diese für Anhaltsterne in Anspruch genommen. Zuletzt hörte alle Regelmässigkeit auf, indem in einigen Nächten kurze Zonenstücke, Anhaltsterne und einzelne Zonensterne mit einander abwechselten.

Den Grössenschätzungen der Sterne wurde möglichst grosse Sorgfalt gewidmet, wenn es gleich nicht vermieden werden konnte, dass dieselben sämmtlich im hellen Felde des Meridiankreises gemacht werden mussten, wodurch bei stark gefärbten Sternen constante Fehler entstanden sein können. Der Gehülfe, welcher die Sterne einstellte, konnte aus der Arbeitsliste ersehen, welche Grösse der zu beobachtende Stern hatte, dem Beobachter am Fernrohr blieb dieselbe aber unbekannt. Nur ganz ausnahmsweise, wenn für einen Stern die geschätzte Grösse um eine ganze Grössenclasse oder mehr von der der Bonner Durchmusterung abwich, wurde der Beobachter darauf aufmerksam gemacht, dass die Grösse schlecht mit dieser stimme. Ein Mal wurde in dieser Weise ein neuer veränderlicher Stern entdeckt. In den meisten Fällen war aber ein solcher Unterschied ein Zeichen, dass die Luft sich zu trüben begann, und dass es nothwendig war die Beobachtungen zu unterbrechen. Wenn ein sehr schwacher Stern beobachtet werden sollte, wurde diess mit einem »schwach« angezeigt, damit die Feldbeleuchtung rechtzeitig so weit gedämpft würde, dass der Stern nicht unbeobachtet vorübergienge.

Sobald der Beobachter am Fernrohr wahrzunehmen glaubte, dass ein Stern stark gefärbt sei, wurde diess angemerkt, nachdem der Stern im dunkeln Felde untersucht war. Bei der Schnelligkeit, womit, besonders an einigen Stellen des Himmels, die zu beobachtenden Sterne einander folgten, musste aber diese Untersuchung recht flüchtig werden. Es musste daher vorkommen, dass oft keine Zeit übrig blieb die Farbe zu notiren, und auch dass viele als gefärbt angegebene Sterne nicht gerade eine stark ausgeprägte Farbe hatten. Indessen wurde als Princip angenommen, lieber zu viele als zu wenige Sterne als gefärbt anzugeben. Um aber nicht unnöthig viele Sterne in die ohnehin mit solchen Objecten überladenen Cataloge der rothen Sterne hineinzubringen, wurden später alle diese Objecte von mir am grossen Refractor zu Upsala untersucht und sowohl deren Farbe wie die Spectralclasse bestimmt. Die Bezeichnung der Farben wurde, wie nunmehr gebräuchlich, in zehn Stufen, von weiss = 0 bis roth = 10 gegeben, während bei den Angaben der Spectralclasse die von Hrn. H. C. Vogel vorgeschlagene Classificirung angewandt worden ist. Das Resultat dieser Untersuchung findet sich auf den Seiten XIII und XIV der Einleitung zu Tome I der »*Observations des étoiles de la zone entre 35° et 40° de déclinaison boréale*«. Aus der dort gegebenen Tafel ersieht man, dass etwa ein Viertel der untersuchten Sterne nicht stark gefärbt ist. Andererseits unterliegt es keinem Zweifel, dass aus den oben angegebenen Ursachen viele stark gefärbte Sterne, besonders in der Milchstrasse, nicht als solche bezeichnet werden konnten. In den Hauptcatalog sind die Farbenangaben nicht eingeführt; die Astronomen, welche sich für solche Objecte interessiren, werden auf die eben genannte Tafel im Tome I der »*Observations*« verwiesen.

Nach dem von Lindstedt entworfenen Plane waren anfänglich bei den Beobachtungen nicht weniger als vier Personen gleichzeitig beschäftigt. Nur die Beobachtungen der Anhalt- nnd Polsterne wurden von dem Hauptbeobachter allein gemacht. Während der Zonenbeobachtungen wurden die Beobachtungen am Fernrohr 1878 von Lindstedt, 1879—1882 von mir und 1892—1895 von Engström gemacht. Der Assistent der Sternwarte besorgte die Einstellungen des Instruments auf die Sterne und las das Mikroskop A am Kreise ab. Diese Arbeit wurde 1878—1882 von Engström, 1892—1893 von Psilander und 1894—1895 theils von Engström selbst, theils von Dr. P. G. D. Granqvist, nunmehr Laborator der Physik an der Universität zu Upsala, ausgeführt. Während der ganzen Zeit wurde das Mikroskop D von Hrn. F. J. Lindqvist, dem Wachtmeister der Sternwarte, abgelesen. Endlich mussten in den Jahren 1878 und 1879, als die Beobachtungen noch mit Auge und Ohr gemacht wurden, die Zeiten der Fadenantritte von Studirenden an der Universität, nämlich wechselweise von den HH. S. Lysander, A. Hall und A. Rosén, notirt werden. Diese Herren, welche während der Beobachtungen an der Uhr sassen, theilten auch dem Hauptbeobachter die Secunden mit. Dieser rief die beobachteten Zeiten der Fadenantritte laut aus und gab auch an, wann der Kreis abzulesen sei, sowie wann die Beobachtung fertig sei und ein neuer Stern eingestellt werden sollte. Anfang December 1879 wurde galvanische Registrirung eingeführt und damit die Zahl der bei den eigentlichen Zonenbeobachtungen zu gleicher Zeit betheiligten Personen auf drei reducirt.

In dieser Weise wurde die folgende Anzahl von Beobachtungen der Zonensterne erhalten:

von Lindstedt (Auge und Ohr)	1188
» Dunér (Auge und Ohr)	5080
» Dunér (Registrirung)	18441
» Engström (Registrirung)	7201
Zahl der Beobachtungen der Anhaltsterne	2963
» » » » Polsterne	540
Summe	35413

Ausserdem hat Engström in 23 Nächten am Refractor 132 Anschlüsse von sehr schwachen Sternen an benachbarte hellere gemacht. Da die Zahl der im Hauptcatalog vorkommenden Zonensterne 11415 beträgt, sieht man, dass, selbst wenn man von Lindstedt's Beobachtungen absieht, im Mittel, statt 2, fast 2¼ Beobachtungen auf jeden Zonenstern entfallen. Die Ursachen hiervon sind theils, dass die sehr hellen Sterne sehr oft, bis 10 oder gar 20 Mal, beobachtet wurden, theils dass, wie oben gesagt, die Beobachtungen der allerschwächsten Sterne im allgemeinen wenig gut unter sich stimmten, und daher auch solche wiederholt beobachtet wurden. Zum Theil sind die zahlreichen Wiederholungen allerdings auch dadurch verursacht, dass die Beobachter die Grenzen der noch zulässigen Unterschiede zwischen den zwei programmmässigen Beobachtungen enger zogen als das Programm der Astronomischen Gesellschaft. Während dieses 0ˢ.30 und 3″.5 als höchste noch zulässige Unterschiede festgestellt hatte, nahmen wir für die Lunder Zone 0ˢ.20 bez. 2″.0 an und wiederholten die Beobachtungen, sobald diese Grenzen überschritten wurden. Bei den Lunder Beobachtungen ergaben sich die mittleren Unterschiede zweier Beobachtungen für Auge und Ohr zu 0ˢ.099 und 0″.78, und bei Registrirung zu 0ˢ.083 und 0″.76, statt der von dem Programm erwarteten Maximalwerthe 0ˢ.10 und 1″.2. Die von uns gezogenen Grenzen waren daher für die Rectascensionen, besonders für die Beobachtungen mit Auge und Ohr, nicht unbedeutend enger als im Verhältniss zur Genauigkeit der Beobachtungen, während sie in Declination nahe proportional angesetzt sind. Auch hierdurch wurde die Zahl der insgesammt zu wiederholenden Beobachtungen gesteigert. Doch gilt diess hauptsächlich von den schwächsten Sternen. Die eigentlich zum Programm gehörigen Sterne hätten, für sich genommen, natürlich eine bedeutend genauere Übereinstimmung der zwei Beobachtungen unter sich gezeigt. Für solche wären die angenommenen Grenzen keineswegs zu eng gewesen.

Ausser den oben genannten Beobachtungen wurden noch in 133 Nächten etwa 2500 Beobachtungen gemacht, welche nicht reducirt wurden. Es wurde nämlich jede Zone verworfen, welche nicht wenigstens fast bis zum Ende beobachtet werden konnte. Zum grossen Theil sind diese Beobachtungen wahrscheinlich schlecht, weil die Sterne in Folge eintretender Trübung immer schwächer wurden. Einige Zonen wurden aber dadurch unterbrochen, dass der Registrirapparat aus verschiedenen Ursachen, bisweilen nachdem die Zone mehr als zur Hälfte beobachtet war, versagte. Die so erhaltenen Beobachtungen können zwar als vorwurfsfrei betrachtet werden, wir zogen aber vor, überall eine und dieselbe Regel zu befolgen. Nur 1893 hat Engström einige solche Zonen reducirt.

Die Reductionen wurden so gemacht, dass Lindstedt für die von ihm beobachteten Zonen die Beobachtungen der Anhalt- und Polsterne reducirt und die Instrumentalfehler und Reductionstafeln berechnet hat. Dasselbe habe ich für 13879 der von mir angestellten Beobachtungen gemacht. Für alle diese Sterne hat Engström die weiteren Reductionen ausgeführt. Für die übrigen 15635 Beobachtungen ist jener erste Theil der Reductionsarbeiten von Engström ausgeführt, die weitere Reduction für 6011 Sterne von Hrn. Dr. P. Laurin und für 9624 Sterne von Hrn. Docenten Psilander. Die 1208 vollständigen Beobachtungen von Zonensternen, welche nicht in den eigentlichen Zonen enthalten, sondern im Tome I der »*Observations* ....« mit den Beobachtungen der Anhaltsterne veröffentlicht sind, hat Engström allein reducirt. Die Herausgabe der »*Observations*« ist zum grossen Theil von Engström besorgt. Von den verschiedenen Theilen dieser Arbeit enthält der Tome I die Beobachtungen und Reductionen der Anhaltsterne, die daraus abgeleiteten Instrumentalfehler und Reductionstafeln, sowie Beobachtungen und Resultate für die nicht in den eigentlichen Zonen enthaltenen Sterne. Tome II enthält die Daten für die zonenmässig beobachteten Sterne. Endlich findet man im Tome III für jeden Stern eine vollständige Zusammenstellung aller der einzelnen Beobachtungen, von welchen der Catalogort abhängt.* Die Astronomen, welche den Hauptcatalog benutzen, werden also hier unmittelbar ersehen können, mit welcher Genauigkeit der Ort eines jeden Sterns wahrscheinlich bestimmt ist.

Der Hauptcatalog sollte durch die Parallele +34°50′ und +40°10′ Aeq. 1855 begrenzt sein. Die südliche Grenze wurde bei den Beobachtungen jedoch öfters um einige Minuten überschritten, indem noch 47 BD-Sterne zwischen 34°45′ und 34°50′ und 8 zwischen 34°42′.5 und 34°45′ beobachtet worden sind. In Folge dessen, und indem noch einige nicht zum Programm gehörige schwache Sterne innerhalb der Zone zufällig mit beobachtet wurden, enthält der Catalog statt Örtern von 11334 programmmässig zu bestimmenden Sternen**, zu denen die 38 Örter der in der Zone liegenden Fundamentalsterne hinzutreten, solche von 11446 Objecten aus der Zone +34°42′

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* Im Tome III findet man ausser den Örtern aller zum Programm gehörenden Sterne auch die der nicht programmmässigen, wenn diese Sterne mehr als ein einziges Mal beobachtet sind und die erhaltenen Örter nicht zu stark von einander abweichen; andernfalls sind sie ausgeschlossen. In Folge dieser Ausschliessungen enthalten die Seiten 1—255 nur 30498 Beobachtungen statt 30854. Engström gedenkt später auch die ausgeschlossenen Beobachtungen einer näheren Prüfung zu unterwerfen.

** Hierbei sind zwei nach dem Wortlaut des Programms mitzuzählende Nummern der B. D. nicht mitgerechnet: 35°3909 konnte nicht am Himmel aufgefunden werden und ist, wie die Durchsicht der Originale ergeben hat, nur durch einen Irrthum in die Bonner Durchmusterung gekommen, und der Stern 38°4344, die in der B. D. besonders aufgeführte zweite Componente von 61 Cygni, ist übergangen worden, da die Mikrometermessungen seine Lage viel schärfer als Meridiankreis-Beobachtungen bestimmen, überdiess der Hauptstern dem Fundamental-Catalog angehört und Begleiter von Fundamentalsternen nicht eigentlich in das Beobachtungsprogramm einzuschliessen waren. Dagegen enthält der Catalog einige zufällig beobachtete, dem Programm nicht angehörige Sterne.

bis 40°10'. Ausserdem sind noch 3 nördlich von der Zone beobachtete Sterne, Nr. 1770 (40°33'.4), 1758 (16'.0) und 2694 (15'.9) und der weiter südlich häufig beobachtete Veränderliche *S* Aurigae (+34° 2'.1) in den Catalog mit aufgenommen, so dass derselbe insgesammt 11450 Nummern aufweist. Die Örter des Hauptcatalogs sind durch Mittelnahme aus den einzelnen im Tome III der »*Observations*« zusammengestellten Örter gebildet, ohne Berücksichtigung des Tome I S. IV besprochenen Einflusses der Helligkeit. Die Fälle, wo gewisse Einzelbeobachtungen geringere Gewichte erhalten haben, sind besonders angegeben. Bei der Bildung der Catalogörter sind die Beobachtungen von 1878 ganz ausgeschlossen, weil sie nach einer etwas verschiedenen Beobachtungsmethode gemacht, und auch hinsichtlich der Reduction in einer von den übrigen etwas abweichenden Weise behandelt worden sind. Die aus diesen Beobachtungen hergeleiteten, grösstentheils in der südlichen Hälfte der Zone gelegenen Örter sind in einem Anhang besonders zusammengestellt. Von den 681 in demselben vorkommenden Sternen sind 661 auch im Hauptcatalog enthalten, die weiteren 20 Objecte sind deshalb später nicht wieder beobachtet, weil sie ausserhalb der eigentlich programmgemässen Grenzen der Zone, in dem Streifen 34°42' bis 34°50' liegen.

Die Epochen sind durch Mittelnahme aus den Einzelepochen gebildet, jedoch in solcher Art, dass einzelne Fehler von 0.1 Jahr nicht ganz ausgeschlossen sind. Für alle Sterne mit bekannten stärkeren Eigenbewegungen sind die Mittel nachträglich verificirt und für die fehlerhaften Angaben berichtigte Werthe am Schluss des Catalogs mitgetheilt.

Die Catalogörter der Zonensterne gelten, wie in allen anderen Stücken dieses Catalogs, für die Mittelzeiten der Beobachtungen als Epochen. Die Praecessionen und die Saecular-Variationen sind durchweg unmittelbar mit diesen Catalogörtern berechnet. Bei einigen Sternen mit stärkerer Eigenbewegung werden die letzten Decimalen der angegebenen Werthe, jedoch ausser in zwei Fällen nirgends mehr als um eine Einheit, verschieden, wenn man sie, wie es sogleich hätte geschehen sollen, mit den auf Ep. 1875 übertragenen Coordinaten berechnet. Die berichtigten Werthe sind für diese Sterne nachträglich am Schlusse des Catalogs zusammengestellt.

Was die für Herstellung des Catalogs nöthigen Rechnungen betrifft, so haben Engström und Psilander gemeinschaftlich die Mittelzahlen der Örter und der Epochen gebildet. Die Praecessionen erster Ordnung sind einmal direct von den HH. Psilander, Ehlers und Strömgren (für bez. 9, 9 und 6 Stunden der Rectascension) mit Folie's Tafeln berechnet; sodann hat Psilander aus eigenen für die Zone 34°50' bis 40°10' hergestellten, die Praecession für jede volle Zeitminute und jede 10. Minute der Declination auf 0.0001 unmittelbar enthaltenden Tafeln* Controlwerthe interpolirt. Die Saecular-Variationen sind ebenfalls von Psilander aus seinen Tafeln** berechnet und von Ehlers mit Hülfe derselben Tafeln controlirt. An diesem Theil der Arbeit hat Engström sich nur vorübergehend betheiligt.

Übersieht man den Antheil, welchen die verschiedenen Mitarbeiter an der ganzen Arbeit haben, so findet man, dass Engström der einzige ist, welcher vom Anfang bis zum Ende daran theilgenommen, und auch der einzige, welcher an allen den verschiedenen Operationen sich betheiligt hat. Auch die Mühe der Herausgabe des in vier umfangreichen Bänden vorliegenden Werkes ist zum grossen Theile auf ihn gefallen. Die anderen haben an grösseren oder kleineren Theilen gearbeitet, deren Umfang aus dem vorigen hervorgeht.

In dem Catalog bedarf nur die Columne »Zonen« noch einer Erläuterung. In dieser Columne beziehen sich die ohne weitere Bezeichnung aufgeführten Zahlen auf die im Tome II gegebene Reihe der Zonen 1—717, während die Zahlen mit vorgesetztem M die ausserhalb der eigentlichen Zonen in vollständigerer Art ausgeführten und im Tome I vorkommenden Meridianbeobachtungen nachweisen, indem durch diese Zahlen die laufenden Nummern der Beobachtungstage angegeben werden. Die Daten derselben können der hier folgenden Tafel entnommen werden, welche auch die Nummern der an jedem Tage beobachteten Zonen und die Anzahl der in den einzelnen Zonen sowie der ausserhalb der Zonen beobachteten Sterne angibt.

N. C. Dunér.

* Tafeln der jährlichen Praecession für 1875 auf Grundlage der Struve'schen Praecessionsconstante berechnet. (Manuscript.)
** Tafeln zur Berechnung der Praecession zweiter Ordnung für 1900 von A. A. Psilander. Lund 1899.

Übersicht der beobachteten Zonen.

Beobachtungstag Lauf. Nr.	Datum			Epoche 1800+	Zonen	Zahl der Sterne in d. Zonen	ausserh.
1	1879	April	7	79.27	1	57	1
2			24	79.31	2, 3	113	—
3			26	79.32	4, 5, 6	166	—
4		Mai	3	79.34	7	41	—
5			4	79.34	8	51	1
6			5	79.34	9, 10	111	2
7			6	79.34	11	54	1
8			7	79.35	7ª, 12, 13	127	1
9			10	79.36	14, 15	113	5
10			11	79.36	16, 17	112	—
11			13	79.37	18, 19	93	1
12			14	79.37	20, 21	94	4
13			16	79.37	22, 23	108	—
14			23	79.39	24, 25	104	2
15			24	79.39	26, 27	117	—
16			25	79.40	28	44	1
17			30	79.41	29, 30	101	1
18		Juni	6	79.43	31	58	—
19			7	79.43	32, 33	104	—
20			11	79.44	34, 35	112	—
21		August	24	79.65	36, 37	120	—
22			30	79.66	38, 39	116	—
23			31	79.67	40	56	5
24		September	27	79.74	41, 42	114	—
25			28	79.74	43, 44, 45	171	—
26			30	79.75	46, 47	118	—
27		October	7	79.77	48, 49	116	—
28			8	79.77	50, 51, 52, 53	257	—
29			16	79.79	54, 55, 56, 57	262	—
30			17	79.79	58	56	—
31			25	79.82	59, 60, 61, 62	226	—
32			30	79.83	63, 64, 65	161	—
33		November	3	79.84	66, 67, 68, 69	234	9
34			5	79.85			7
35			6	79.85	70, 71, 72	172	11
36			13	79.87	73	33	—
37			16	79.88	74, 75, 76	175	—
38			18	79.88	77, 78, 79, 80	235	—
39			24	79.90	81, 82	119	—
40			27	79.91	83, 84	117	—
41			28	79.91	85, 86, 87, 88	209	2
42			29	79.91	89, 90	89	2
43		December	11	79.94	91, 92, 93	167	1
44			12	79.95	94, 95, 96, 97	207	2
45			17	79.96	98, 99	112	—
46	1880	Januar	15	80.04	100, 101, 102	159	1
47			16	80.04	103, 104	116	—
48			17	80.05	105	57	—
49			18	80.05	106, 107, 108, 109	229	2
50			19	80.05	110, 111, 112	161	4
51			20	80.05	113, 114, 115, 116	221	—
52			24	80.07	117, 118, 119, 120	207	—
53			28	80.08	121, 122, 123, 124	221	9
54			29	80.08	125, 126, 127, 128	210	5
55			30	80.08	129, 130, 131, 132	210	4
56			31	80.08	133, 134, 135, 136	230	5
57		Februar	1	80.09	137, 138, 139	159	3
58			7	80.10	140, 141, 142, 143	208	2
59			8	80.11	144	46	2
60			10	80.11	145, 146	102	1
61			11	80.11	147, 148, 149, 150	206	1
62			27	80.16	151	55	—
63			28	80.16	152	58	1
64		März	8	80.19	153, 153ª, 154, 155, 156	219	3
65			9	80.19	157, 158, 159	160	5
66			11	80.19	160	56	5
67			12	80.20	161, 162, 163, 164	207	5

Beobachtungstag		Epoche	Zonen	Zahl der Sterne	
Lauf. Nr.	Datum	1800+		in d. Zonen	ausserh.
68	1880 März 13	80.20	165	49	2
69	14	80.20	166, 167	89	3
70	15	80.21	168, 169	91	1
71	16	80.21	170, 171, 172, 173	182	7
72	18	80.21	174	40	2
73	20	80.22	175, 176, 177	134	3
74	21	80.22	178, 179, 180	137	—
75	22	80.22	181, 182, 183, 184	184	—
76	23	80.23	185, 186	88	1
77	24	80.23	187, 187[a], 188, 189, 190	186	3
78	25	80.23	191, 192	83	—
79	26	80.24	193	36	2
80	April 7	80.27	194, 195, 196	116	1
81	12	80.28	197, 198, 199, 200	138	2
82	13	80.28	201, 202, 203	125	5
83	20	80.30	204	26	2
84	22	80.31	205, 206	65	—
85	23	80.31	207, 208	65	—
86	27	80.32	209, 210	81	2
87	28	80.33	211, 212, 213	76	1
88	29	80.33	214, 215, 215[a], 216, 217	141	1
89	30	80.33	218, 219, 220	72	3
90	Mai 2	80.33	221, 222, 223	77	3
91	6	80.35	224, 225, 225[a], 226, 227	65	4
92	7	80.35	228, 229	11	—
93	8	80.35	230, 231	43	1
94	9	80.36	232	39	2
95	27	80.41	233	8	—
96	29	80.41	234, 235, 236	96	—
97	30	80.41	237, 238, 239	96	—
98	Juni 1	80.42	240, 241	117	—
99	2	80.42	242, 243	102	1
100	9	80.44	244	45	1
101	15	80.46	245, 246	103	—
102	16	80.46	247, 248	85	1
103	17	80.46	249, 250	96	1
104	18	80.47	251, 252	115	—
105	19	80.47	253, 254	101	—
106	20	80.47	255, 256	106	—
107	21	80.47	257, 258	97	3
108	22	80.48	259, 260	97	2
109	27	80.49	261	38	—
110	Juli 2	80.50	262, 263	98	—
111	3	80.51	264	56	—
112	11	80.53	265, 266	117	3
113	12	80.53	267	54	3
114	13	80.53	268, 269	120	—
115	15	80.54	270, 271	114	1
116	16	80.54	272, 273, 274	169	2
117	22	80.56	275	60	—
118	23	80.56	276, 277, 278	160	—
119	27	80.57	279, 280, 281	166	—
120	28	80.57	282	49	—
121	30	80.58	283, 284	120	—
122	September 1	80.67	285, 286	113	—
123	2	80.67	287, 288	115	—
124	3	80.68	289	58	—
125	4	80.68	290, 291, 292	156	—
126	5	80.68	293	49	—
127	8	80.69	294, 295, 296	154	—
128	9	80.69	297, 298	97	1
129	10	80.70	299, 300, 301	160	2
130	11	80.70	302, 303	103	1
131	14	80.71	304	55	—
132	23	80.73	305, 306	93	—
133	24	80.73	307, 308, 309, 310	193	2
134	25	80.74	311, 312, 313	121	3
135	26	80.74	314, 315, 316	96	3
136	27	80.74	317, 318, 319, 320	151	4
137	28	80.74	321	59	—
138	30	80.75	322, 323, 324	107	—

Beobachtungstag				Epoche	Zonen	Zahl der Sterne	
Lauf. Nr.	Datum			1800 +		in d. Zonen	ausserh.
139	1880	October	3	80.76	325	45	—
140			13	80.79	326, 327	48	4
141			21	80.81	328, 329	98	1
142			22	80.81	330, 331, 332	119	2
143			23	80.81	333, 334, 335, 336	191	3
144			24	80.81	337, 338	52	—
145			26	80.82	339, 340	85	3
146			27	80.82	341, 342	42	3
147			30	80.83	343	37	3
148			31	80.84	344, 345	55	1
149		November	2	80.84	346, 347, 348, 349, 350	172	4
150			3	80.84	351, 352, 353, 354	131	7
151		December	10	80.94	356	16	2
152			11	80.95	357	34	2
153			13	80.95	358	21	2
154			14	80.96	359, 360	76	2
155			21	80.98	361, 361a, 362, 363, 364, 365	180	4
156	1881	Januar	14	81.04	366	39	—
157			16	81.04	367	19	—
158			20	81.05	368, 369, 370	88	1
159			23	81.06	371, 372, 373	110	1
160			26	81.07	374, 375, 376	122	—
161			27	81.07	377, 378, 379	102	1
162		Februar	4	81.10	380, 381, 382, 383, 384, 385	138	1
163			7	81.10	386, 387, 388	17	4
164			13	81.12	389, 390	35	5
165			14	81.12	391, 392, 393, 394	82	2
166			23	81.15	395, 396, 397	127	2
167			24	81.15	398, 399	85	1
168			26	81.16	400	3	2
169			27	81.16	401, 402	68	2
170		März	4	81.17	403, 404, 405, 406	103	3
171			14	81.20	407	28	2
172			15	81.20	408, 409	69	1
173			16	81.21	410, 411	98	1
174			26	81.23			68
175			27	81.24			67
176		Mai	12	81.36	412	28	3
177			13	81.36	413, 414	48	1
178			19	81.38	415, 416	43	5
179			20	81.38	417, 418	42	5
180			21	81.39	419	20	6
181			22	81.39	420	34	12
182			23	81.39	421	34	5
183			24	81.39	422	17	5
184			25	81.40	423	26	3
185			26	81.40	424	25	4
186			27	81.40	425	20	4
187		Juli	10	81.52	426, 427	131	—
188			11	81.53	428, 429	132	—
189			13	81.53	430	23	3
190			15	81.54	431, 432	115	—
191			22	81.56	433, 434, 435	132	3
192			23	81.56	436, 437	120	1
193			25	81.56	438	55	1
194		August	1	81.58	439, 440	102	1
195			5	81.59	441, 442	131	1
196			6	81.60	443, 444, 445	95	5
197			7	81.60	446, 447, 448	109	2
198			8	81.60	449, 450	64	6
199			10	81.61	451, 452	106	5
200			11	81.61	433^a	25	—
201			13	81.62	433^b, 453, 454	77	8
202			16	81.62	455, 456	122	1
203			18	81.63	457, 458	119	1
204			21	81.64	459, 460	75	2
205			23	81.64	461	19	2
206			25	81.65	462	58	—
207			27	81.65	463	28	—
208			28	81.66	464, 465	94	4
209			29	81.66	466, 467, 468	170	5

Beobachtungstag		Epoche	Zonen	Zahl der Sterne	
Lauf. Nr.	Datum	1800 +		in d. Zonen	ausserh.
210	1881 September 2	81.67	469	10	4
211	5	81.68	470, 471	85	6
212	8	81.69	472	51	5
213	29	81.74	473, 474, 475	88	9
214	October 7	81.77	476, 477	65	1
215	14	81.79	478	6	2
216	16	81.79	479, 480	21	3
217	17	81.79	481, 482, 483	144	1
218	25	81.82	484, 485	67	2
219	26	81.82	486, 487, 488	89	8
220	November 1	81.84	489, 490, 491	151	1
221	13	81.87	492, 493, 494	96	2
222	17	81.88	495, 493^a	65	—
223	22	81.89	496, 497	57	1
224	25	81.90	498, 499, 500	114	3
225	27	81.91	501	54	—
226	28	81.91	502	7	3
227	1882 Januar 14	82.04	503	47	1
228	15	82.04	504, 505, 506	92	—
229	18	82.05	507	18	—
230	19	82.05	508, 509, 510	89	—
231	29	82.08	511	10	—
232	October 2	82.75	512	54	—
233	5	82.76	513	61	—
234	7	82.77	514	77	—
235	25	82.82	515	27	—
236	27	82.82	516	27	—
237	30	82.83	517, 518	109	—
238	November 1	82.84	519	52	—
239	1892 September 30	92.75	520, 521	102	—
240	October 4	92.76	522, 523	129	—
241	13	92.79	524, 525	119	—
242	14	92.79	526, 527, 528	131	—
243	18	92.80	529, 530, 531, 532	183	—
244	21	92.81	533, 534, 535	164	—
245	25	92.82	536, 537, 538, 539	71	—
246	26	92.82	540, 541, 542, 543	94	—
247	28	92.83	544	84	—
248	November 25	92.90	545, 546, 547, 548	180	2
249	26	92.91	549, 550, 551, 552	130	—
250	27	92.91	553	24	—
251	December 2	92.92	554, 555, 556, 557, 558, 559, 560	205	—
252	7	92.94	561, 562, 563	61	—
253	20	92.97	564, 565, 566, 567, 568, 569, 570	193	3
254	21	92.97	571, 572, 573, 574, 575, 576, 577, 578, 579	229	1
255	22	92.98	580, 581, 582, 583, 584, 585, 586, 587	234	—
256	31	93.00	588, 589	30	1
257	1893 Januar 2	93.01	590	19	—
258	7	93.02	591, 592, 593, 594	68	2
259	10	93.03	595, 596, 597, 598, 599	119	1
260	11	93.03	600, 601, 602, 603	85	7
261	17	93.04	604, 605	28	7
262	18	93.05	606, 607, 608	65	11
263	19	93.05	609, 610, 611	53	10
264	22	93.06	612, 613, 614, 615, 616, 617	140	7
265	23	93.06			27
266	25	93.07	618, 619, 620	85	2
267	26	93.07	621, 622, 623	44	16
268	29	93.08	624, 625, 626, 627	111	13
269	Februar 3	93.09	628, 629	21	9
270	15	93.12	630, 631, 632, 633, 634	117	16
271	23	93.15	635, 636, 637, 638, 639, 640, 641	185	10
272	24	93.15	642, 643	37	11
273	27	93.16	644, 645	18	10
274	März 3	93.17	646, 647, 648, 649, 650	128	8
275	6	93.18	651, 652, 653	43	7
276	8	93.18	654, 655, 656	121	15
277	10	93.19	657, 658, 659	146	10
278	18	93.21	660, 661, 662, 663	86	4
279	19	93.21	664	12	20

Zone 35° bis 40°. Lund.

Beobachtungstag Lauf. Nr.		Datum		Epoche 1800 +	Zonen	Zahl der Sterne in d. Zonen	ausserh.
280	1893	März	23	93.22	665, 666, 667	78	23
281			24	93.22	668, 669, 670	78	6
282			26	93.23			14
283			27	93.24			1
284		April	7	93.27			8
285			8	93.27	671, 672, 673	89	19
286			10	93.27	674, 675, 676	74	17
287			13	93.28	677, 678, 679, 680	104	17
288			17	93.29	681, 682, 683	109	6
289			18	93.29	684, 685, 686, 687	98	6
290		Mai	2	93.33	688, 689	123	3
291			7	93.35	690, 691	98	4
292			8	93.35	692	34	10
293			13	93.36	693	105	13
294			15	93.37	694	96	15
295			17	93.37	695	13	15
296			23	93.39	696	36	10
297		Juni	2	93.42			9
298			3	93.42			14
299			6	93.43	697	106	1
300			7	93.43	698	104	2
301			20	93.47	699	54	14
302			24	93.48			10
303		Juli	1	93.50	700	129	5
304			2	93.50	701	82	15
305			3	93.50	702	47	14
306			4	93.51	703	66	—
307		August	31	93.67	704, 705, 706	96	11
308		September	3	93.67	707, 708	51	20
309			11	93.70	709	34	9
310			12	93.70	710	89	3
311			14	93.70	711	50	1
312			27	93.74	712, 713	84	1
313		October	2	93.75	714, 715	58	1
314			6	93.76	716	85	3
315			22	93.81	717	65	—
316	1894	September	16	94.71			3
317			17	94.71			4
318			23	94.73			2
319			25	94.73			2
320		November	30	94.91			22
321		December	11	94.94			6
322	1895	Januar	5	95.01			13
323			26	95.07			5
324			27	95.07			9
325		Februar	14	95.12			28
326			15	95.13			29
327		April	8	95.27			5
328			17	95.29			7
329			25	95.31			5
330		Mai	8	95.35			14
331			10	95.36			16
332			13	95.36			13
333			28	95.40			14
334		Juni	19	95.47			7
335			21	95.47			8

Zonen von Lindstedt.

Nr.	1878	Ep.	Sterne	Nr.	1878	Ep.	Sterne	Nr.	1878	Ep.	Sterne
I	Sept. 10	78.69	54	VII	Sept. 29	78.75	65	XIII	Nov. 13	78.87	59
II	» »	78.69	54	VIII	» »	78.75	63	XIV	» 23	78.90	87
III	» 11	78.70	54	IX	Oct. 5	78.76	74	XV	» »	78.90	84
IV	» »	78.70	53	X	» 13	78.78	76	XVI	Dec. 2	78.92	58
V	» 13	78.70	68	XI	» »	78.78	68	XVII	» »	78.92	87
VI	» »	78.70	58	XII	Nov. 3	78.83	69	XVIII	» »	78.92	57

CATALOG.

Die mit * bezeichneten Grössen sind der B. D. entnommen.

Einige nach der Declinationsangabe der B.D. ausserhalb der Grenzen der Lunder Zone fallende Sterne sind durch cursiven Druck der BD-Nr. kenntlich gemacht.

In der Columne »Zonen« beziehen sich die ohne weitere Bezeichnung angeführten Zahlen auf die Reihe der Zonen 1—717 Obs. T. II, während die Zahlen mit vorgesetztem »M« die ausserhalb der eigentlichen Zonen in vollständigerer Art ausgeführten Meridianbeobachtungen (Obs. T. I) nachweisen. Durch »R« wird angezeigt, dass mikrometrische Anschlüsse am Refractor zum Ort zugezogen sind; die in ( ) beigesetzte Zahl gibt die Anzahl dieser in der Einleitung zu Obs. T. I zusammengestellten Anschlüsse an.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1	8.4	0h 0m 22s.60	+3s.0739	+0s.0252	+37° 55' 47".4[1]	+20".054	−0".009	84.5 83.1	Beob.[2]	37° 4936
2	8.9	0 29.95	3.0744	0.0248	37 30 27.4	20.054	0.010	80.7	313 315	37 4937
3	8.7	0 32.83	3.0748	0.0267	39 38 20.1	20.054	0.010	79.8	42 48	39 5222
4	8.8	0 52.35	3.0760	0.0245	36 58 50.4	20.054	0.011	85.2	335 481 547	36 5155
5	8.8	1 4.99	3.0766	0.0230	35 3 0.0	20.054	0.011	89.7	52 544 567 574	34 1
6	8.0	0 1 10.46	+3.0778	+0.0266	+39 22 58.8	+20.054	−0.011	79.9	70 77	39 2
7	6.2	1 11.49	3.0779	0.0267	39 27 10.2	20.054	0.011	81.3	362 474	39 3
8	*7.5	1 14.58	3.0780	0.0257	38 20 26.3	20.054	0.011	80.9	332 M 151	38 2
9	8.3	1 15.67	3.0774	0.0230	35 7 34.7	20.054	0.011	85.1	55 517 532	35 3
10	7.7	1 16.48	3.0778	0.0242	36 29 24.1	20.054	0.011	87.7	5 Beob.[3]	36 1
11	8.8	0 1 17.67	+3.0786	+0.0271	+39 53 44.8	+20.054	−0.011	85.2	335 481 547	39 5
12	8.0	1 24.39	3.0787	0.0254	38 1 36.7	20.054	0.012	80.7	320 324	37 3
13	8.8	1 35.90	3.0792	0.0243	36 34 34.4	20.054	0.012	89.7	52 544 592 595	36 2
14	9.0	1 46.11	3.0808	0.0269	39 32 20.9	20.053	0.013	79.9	70 77	39 7
15	5.9	2 14.99	3.0817	0.0238	35 56 6.7	20.053	0.013	88.3	5 Beob.[4]	35 8
16	8.4	0 2 18.05	+3.0835	+0.0273	+40 2 25.6	+20.053	−0.013	81.3	362 474	39 10
17	7.2	2 22.40	3.0837	0.0271	39 47 56.5	20.053	0.013	80.7	320 324	39 11
18	7.2	2 22.45	3.0839	0.0275	40 8 43.8	20.053	0.013	79.7	42 48	40 5
19	8.5	2 24.22	3.0826	0.0243	36 31 12.9	20.053	0.013	89.7	52 544 592[5] 595	36 4
20	8.6	2 25.30	3.0834	0.0259	38 24 39.3	20.053	0.013	81.3	362 474	38 4
21	8.7	0 2 26.82	+3.0842	+0.0273	+39 56 16.9	+20.053	−0.013	79.9	70 77	39 12
22	8.7	2 27.04	3.0831	0.0250	37 19 44.7	20.053	0.013	84.1	45 61 535	37 7
23	6.8	2 34.55	3.0849	0.0275	40 9 9.2	20.053	0.014	79.8	42 48	40 7
24	9.0	3 9.84	3.0864	0.0252	37 33 27.0	20.052	0.015	88.3	5 Beob.[6]	37 13
25	8.5	3 39.26	3.0894	0.0265	38 57 14.4	20.052	0.016	85.2	335 481 547	38 6
26	9.0	0 3 52.20	+3.0912	+0.0276	+40 6 59.0	+20.051	−0.016	79.7	42 48	40 10
27	8.9	4 3.78	3.0918	0.0271	39 30 11.5	20.051	0.017	79.9	70 77	39 17
28	9.3	4 8.21	3.0908	0.0255	37 41 11.2	20.051	0.017	80.7	320 324	37 16
29	7.9	4 18.16	3.0910	0.0247	36 46 39.9	20.051	0.017	85.0	5 Beob.[7]	36 8
30	8.9	4 23.10	3.0936	0.0275	39 52 56.1	20.051	0.017	81.3	362 474	39 18
31	8.5	0 4 25.65	+3.0932	+0.0267	+39 4 8.4	+20.050	−0.017	85.2	335 481 547	38 8
32	8.8	4 32.12	3.0933	0.0262	38 33 52.5	20.050	0.018	81.3	362 474	38 9
33	8.7	5 0.58	3.0967	0.0275	39 51 30.1	20.049	0.019	79.8	42 48	39 20
34	8.2	5 1.11	3.0929	0.0235	35 14 8.4	20.049	0.019	85.1	55 517 532	35 18
35	9.1	5 1.48	3.0950	0.0257	37 50 58.8	20.049	0.019	80.7	320 324	37 18
36	7.8	0 5 2.06	+3.0966	+0.0274	+39 42 12.9	+20.049	−0.019	79.9	70 77	39 21
37	8.9	5 3.85	3.0936	0.0240	35 50 8.7	20.049	0.019	89.7	52 544 592 595	35 20
38	8.8	5 23.21	3.0954	0.0245	36 20 42.4	20.049	0.019	93.0	567 574	36 9
39	8.7	5 31.23	3.0950	0.0236	35 12 43.5	20.048	0.020	85.1	55 517 532	35 22
40	7.9	5 37.10	3.0982	0.0262	38 20 39.1	20.048	0.020	81.3	362 474	38 12
41	7.1	0 5 43.05	+3.0994	+0.0270	+39 12 20.6	+20.048	−0.020	79.7	42 48	39 22
42	8.5	5 44.22	3.0972	0.0248	36 43 18.4	20.048	0.020	80.7	320 324	36 10
43	8.9	5 44.98	3.0957	0.0234	35 0 50.3	20.048	0.020	89.7	52 544 567 574	34 10
44	9.0	5 54.65	3.0974	0.0243	36 5 23.8	20.048	0.020	84.1	45 61 535	35 23
45	8.8	6 7.02	3.0982	0.0243	35 59 33.2	20.047	0.021	79.9	73 89 94	35 24
46	8.4	0 6 9.15	+3.1009	+0.0265	+38 35 33.1	+20.047	−0.021	79.9	70 77	38 14
47	9.2	6 15.52	3.1015	0.0266	38 43 32.0	20.047	0.021	85.2	335 481 547	38 15
48	6.5	6 20.76	3.1001	0.0252	36 59 54.5	20.047	0.021	85.2	335 481 547	36 12
49	8.6	6 27.72	3.0985	0.0234	34 54 42.2	20.046	0.021	86.3	52 544	*34 11*
50	7.3	6 35.15	3.1009	0.0249	36 43 24.7	20.046	0.022	80.7	320 324	36 13

[1] Z. 547 [53".2] [2] Z. 52 335 362 474 481 544 547 [3] Z. 45 61 535 592 595 [4] Z. 55 517 532 567 574
[5] Dpl. 15" seq. [6] Z. 55 517 532 567 574 [7] Z. 45 52 61 535 544

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
51	8.4	0h 6m 43s.37	+3s.0998	+0s.0236	+35° 7' 21".0	+20".046	−0".022	84.1	45 61 535	34° 14
52	8.8	6 48.49	3.1050	0.0274	39 31 32.1	20.045	0.022	79.9	70 77	39 27
53	8.9	6 58.26	3.1017	0.0243	35 55 38.3	20.045	0.022	89.7	55 532 567 574	35 26
54	8.5	6 58.73	3.1057	0.0273	39 24 27.0	20.045	0.022	81.3	362 474	39 28
55	8.1	7 6.77	3.1018	0.0240	35 28 32.2	20.045	0.022	79.9	73 89 94	35 27
56	8.8	0 7 6.82	+3.1073	+0.0281	+40 9 36.3	+20.045	−0.022	79.9	42 48	40 30
57	8.6	7 20.42	3.1035	0.0246	36 9 55.2	20.044	0.023	80.7	320 324	36 14
58	8.2	7 26.67	3.1083	0.0277	39 43 30.0	20.044	0.023	79.9	70 77	39 31
59	8.9	7 27.47	3.1075	0.0271	39 4 20.8	20.044	0.023	81.3	362 474	38 16
60	8.2	7 32.25	3.1082	0.0273	39 16 54.4	20.043	0.023	79.9	42 48	39 32
61	8.4	0 8 7.18	+3.1091	+0.0261	+37 53 12.7	+20.042	−0.025	80.7	320 324	37 26
62	9.1	8 7.51	3.1073	0.0249	36 27 19.4	20.042	0.025	89.7	52 544 567 574	36 17
63	8.6	8 28.72	3.1078	0.0243	35 43 54.5	20.041	0.025	89.7	55 532 592 595	35 30
64	8.0	8 33.72	3.1104	0.0257	37 22 39.0	20.040	0.025	89.7	52 544 592 595	37 29
65	9.3	8 38.25	3.1135	0.0275	39 21 18.6	20.040	0.025	86.4	42 48 567 574	39 37
66	8.6	0 9 13.22	+3.1147	+0.0266	+38 19 33.6	+20.038	−0.026	79.9	70 77	38 19
67	8.3	9 26.96	3.1153	0.0264	38 3 51.1	20.037	0.027	80.7	320 324	37 32
68	9.4	9 31.06	3.1160	0.0266	38 17 24.9	20.037	0.027	81.3	362 474	38 21
69	9.1	9 47.69	3.1188	0.0275	39 11 15.3	20.036	0.028	79.9	70 77	39 43
70	8.9	9 48.56	3.1188	0.0275	39 10 35.4	20.036	0.028	79.8	42 48	39 44
71	9.0	0 9 58.57	+3.1204	+0.0279	+39 36 23.8	+20.035	−0.028	81.3	362 474	39 45
72	7.5	10 12.04	3.1153	0.0247	35 56 8.7	20.034	0.028	89.7	52 544 600 604	35 35
73	7.7	10 12.41	3.1151	0.0246	35 47 42.6	20.034	0.028	89.7	55 532 592 595	35 34
74	8.5	10 13.63	3.1147	0.0243	35 26 2.4	20.034	0.028	84.1	45 61 535	35 36
75	8.9	10 18.35	3.1184	0.0261	37 31 33.8	20.034	0.029	87.0	332 356 567 574	37 33
76	8.5	0 10 23.40	+3.1215	+0.0275	+39 6 20.7	+20.034	−0.029	81.3	335 481	38 23
77	5.9	10 33.94	3.1203	0.0265	37 59 14.5	20.033	0.029	93.0	6 Beob. [1]	37 34
78	8.9	10 35.26	3.1169	0.0246	35 51 44.8	20.033	0.029	88.5	52 544 600	35 37
79	8.7	10 42.22	3.1182	0.0251	36 21 58.8	20.032	0.030	80.7	320 324	36 24
80	8.4	10 44.96	3.1238	0.0279	39 27 55.3	20.032	0.030	79.8	42 48	39 46
81	...[2]	0 10 54.66	+3.1170	+0.0241	+35 8 47.0	+20.032	−0.030	86.3	45 535	} 35 39
82		10 54.91	3.1170	0.0241	35 8 47.4	20.032	0.030	88.6	61 592 595	}
83	7.8	11 1.13	3.1187	0.0247	35 51 22.1	20.031	0.030	79.9	73 89 94	35 40
84	9.4	11 8.48	3.1228	0.0264	37 54 15.3	20.031	0.030	85.2	335 481 547	37 35
85	*8.7	11 10.20	3.1211	0.0256	36 50 46.7	20.030	0.030	80.9	332 356	36 25
86	8.7	0 11 12.50	+3.1259	+0.0278	+39 23 11.4	+20.030	−0.031	84.3	70 77 600	39 48
87	*9.0	11 13.89	3.1233	0.0265	37 57 34.7	20.030	0.031	80.9	332 356	37 36
88	9.4	11 16.44	3.1258	0.0276	39 10 33.1	20.030	0.031	85.2	335 481 547	39 49
89	9.1	11 18.22	3.1208	0.0252	36 23 5.5	20.030	0.031	87.9	320 324; M 320 321	36 26
90	7.4	11 26.27	3.1283	0.0285	40 3 10.0	20.029	0.031	81.3	361 474	39 52
91	*9.5	0 11 30.99	+3.1212	+0.0249	+36 3 10.4	+20.029	−0.031	80.0	M 42 44	35 43
92	9.2	11 38.97	3.1239	0.0260	37 14 23.5	20.028	0.031	85.2	362 474 600	37 39
93	5.5	11 47.98	3.1224	0.0250	36 5 31.3	20.028	0.032	90.3 92.5	6 Beob. [3]	35 44
94	8.7	11 51.49	3.1263	0.0267	38 2 27.3	20.027	0.032	79.8	42 48 70 77	37 40
95	7.7	12 4.23	3.1220	0.0243	35 17 44.6	20.026	0.032	89.7	52 544 592 595	35 46
96	9.0	0 12 30.63	+3.1255	+0.0251	+36 8 14.0	+20.024	−0.033	84.1	45 61 535	36 29
97	8.9	13 2.00	3.1272	0.0250	35 54 12.5	20.022	0.034	89.7	55 532 567 574	35 49
98	9.1	13 6.11	3.1276	0.0250	35 58 35.8	20.021	0.035	79.9	70 77	38 30
99	6.5	13 7.46	3.1365	0.0287	40 2 9.0	20.021	0.035	79.8	42 48	39 56
100	7.3	13 14.08	3.1289	0.0253	36 16 8.0	20.021	0.035	87.7	5 Beob. [4]	36 32

[1] Z. 567 574 606δ 609; M 264 265 [2] Dpl. 9 u. 9 7″; Nr. 81 praec., Nr. 82 med. [3] Z. 55 532 567 574 606δ 609
[4] Z. 45 61 535 592 595

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
101	9.0	0h 13m 16s.19	+3s.1263	+0s.0242	+34° 55′ 3″.4	+20″.021	−0″.035	86.3	52 544	*34°* 37
102	7.8	13 21.48	3.1349	0.0276	38 50 57.4	20.020	0.035	81.3	362 474	38 31
103	7.0	13 28.11	3.1326	0.0265	37 32 29.8	20.020	0.035	90.3 90.5[1]	10 Beob.[2]	37 42
104	8.9	13 38.91	3.1294	0.0249	35 41 1.8	20.019	0.036	84.1	45 61 535	35 51
105	8.5	13 53.81	3.1407	0.0290	40 13 42.3	20.017	0.036	79.8	42 48	40 57
106	8.8	0 13 59.13	+3.1309	+0.0249	+35 45 13.0	+20.017	−0.036	89.7	55 532 567 574	35 52
107	8.8	14 10.93	3.1365	0.0268	37 50 40.1	20.016	0.037	81.3	362 474	37 43
108	9.4	14 15.82	3.1388	0.0275	38 40 33.5	20.015	0.037	79.9	70 77	38 32
109	5.6	14 32.59	3.1368	0.0264	37 16 33.4	20.014	0.038	86.1 86.8	10 Beob.[3]	37 45
110	9.2	14 34.89	3.1317	0.0243	34 57 15.5	20.014	0.038	88.5	52 544 600	34 39
111	8.4	0 14 35.35	+3.1380	+0.0267	+37 42 38.4	+20.014	−0.038	79.9	70 77	37 46
112	7.7	14 36.10	3.1322	0.0245	35 11 8.6	20.014	0.038	89.7	52 544 592 595	35 53
113	8.8	14 52.33	3.1450	0.0289	40 0 7.1	20.012	0.038	79.8	42 48	39 64
114	7.0	15 0.35	3.1393	0.0266	37 29 37.8	20.011	0.039	80.7	320 324	37 48
115	8.6	15 1.44	3.1375	0.0258	36 43 33.0	20.011	0.039	79.9	75 89 94	36 37
116	8.6	0 15 1.98	+3.1404	+0.0269	+37 52 41.0	+20.011	−0.039	81.3	362 474	37 49
117	7.7	15 3.85	3.1350	0.0249	35 31 23.3	20.011	0.039	84.1	45 55 532	35 55
118	8.7	15 4.39	3.1351	0.0249	35 33 32.3	20.011	0.039	89.7	61 535 567 574	35 56
119	7.6	15 42.01	3.1413	0.0263	37 4 7.9	20.007	0.040	87.7	5 Beob.[4]	36 39
120	7.4	15 49.71	3.1364	0.0243	34 50 34.4	20.006	0.040	86.3	52 544	*34* *42*
121	8.9	0 16 17.51	+3.1411	+0.0253	+35 57 4.0	+20.005	−0.041	89.7	55 532 567 574	35 60
122	7.0	16 21.84	3.1469	0.0272	38 3 38.9	20.003	0.041	79.9	70 77	37 54
123	8.9	16 26.06	3.1482	0.0276	38 26 10.6	20.003	0.042	79.8	42 48	38 39
124	9.3	16 32.82	3.1461	0.0267	37 26 53.1	20.002	0.042	84.1	45 61 535	37 56
125	9.1	16 49.29	3.1530	0.0287	39 31 43.3	20.000	0.042	86.4	42 48 592 595	39 69
126	9.1	0 16 54.82	+3.1541	+0.0289	+39 44 11.2	+20.000	−0.043	79.9	70 77	39 72
127	8.3	16 57.32	3.1460	0.0261	36 44 24.2	19.999	0.043	89.7	52 544 567 574	36 45
128	8.7	17 10.54	3.1455	0.0257	36 12 29.5	19.998	0.043	88.5	55 532 600	36 47
129	9.1	17 14.85	3.1542	0.0284	39 11 3.9	19.998	0.043	81.3	362 474	39 75
130	var.	17 26.12	3.1513	0.0272	37 53 5.3	19.996	0.044	88.0 88.3	15 Beob.[5]	37 58
131	8.9	0 17 50.89	+3.1506	+0.0265	+36 59 0.3	+19.994	−0.045	89.7	52 544 567 574	36 50
132	9.4	17 53.88	3.1587	0.0290	39 40 31.5	19.993	0.045	86.5	600 M 42	39 78
133	9.4	18 7.55	3.1526	0.0267	37 15 42.0	19.992	0.045	93.4	7 Beob.[6]	37 61
134	9.3	18 14.11	3.1554	0.0274	38 2 47.3	19.991	0.045	80.7	320 324	37 62
135	8.0	18 27.85	3.1576	0.0279	38 27 11.3	19.989	0.046	79.8	42 48	38 42
136	8.4	0 18 29.52	+3.1575	+0.0278	+38 20 36.2	+19.989	−0.046	84.3	70 77 600	38 43
137	9.3	18 41.52	3.1593	0.0281	38 38 31.3	19.988	0.046	79.9	70 77	38 45
138	7.6	18 46.72	3.1613	0.0286	39 8 15.6	19.987	0.046	79.8	42 48	39 80
139	8.4	19 1.54	3.1522	0.0255	35 47 29.3	19.985	0.047	89.7	55 535 567 574	35 66
140	8.5	19 1.78	3.1531	0.0258	36 5 4.4	19.985	0.047	84.1	45 61 535	35 67
141	8.5	0 19 12.00	+3.1602	+0.0277	+38 10 14.8	+19.984	−0.047	85.2	335 481 547	38 46
142	8.4[7]	19 12.24	3.1620	0.0282	38 43 59.2	19.984	0.047	81.3	362 474	38 47
143	7.8	19 26.63	3.1519	0.0251	35 7 36.3	19.982	0.048	89.7	55 535 600 604	35 69
144	8.7	19 33.59	3.1604	0.0273	37 43 2.4	19.981	0.048	87.9	324; R(2)[8]	37 65[9]
145	9.1	19 35.09	3.1581	0.0266	36 56 21.6	19.981	0.048	89.7	52 544 592 595	36 54
146	9.4	0 19 41.26	+3.1627	+0.0278	+38 15 16.6	+19.980	−0.048	81.3	362 474	38 48
147	9.4	19 42.92	3.1609	0.0273	37 39 5.4	19.980	0.048	91.0	320 595; R(2)	— —
148	9.0	19 43.03	3.1576	0.0263	36 37 13.2	19.980	0.048	89.7	52 544 567 574	36 55
149	8.7	19 59.71	3.1671	0.0287	39 8 21.5	19.978	0.049	79.8	42 48	39 81
150	8.4	20 8.24	3.1700	0.0294	39 49 35.5	19.977	0.049	79.9	70 77	39 82

[1] E.B. −0s.010 −0″.29 (Porter) [2] Z. 320 324 592 595 600 604 606δ 609; M 264 267 [3] Z. 547 600 604 606δ 609; M 46 49 50 143 217 [4] Z. 45 61 535 592 595 [5] Z. 320 324 362 474 592 595 600 604 606δ 609; M 211 219 264 265 267 [6] Z. 45(α 6s.98) 61 535; M 320 322(α 8s.19); R(2); Stern an der Grenze der Sichtbarkeit [7] 7.8 9.0; BD 9.0 [8] Beide Gew. ½ [9] In BD ist Decl. st. 32′.0 zu lesen 36′.7

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
151	9.2	0^h 20^m $19^s.68$	$+3^s.1602$	$+0^s.0264$	+36° 35′ 50″.2	+19″.975	−0″.050	84.1	45 61 535	36° 57
152	7.6	20 30.02	3.1659	0.0277	38 5 10.8	19.974	0.050	80.7	320 324	37 68
153	9.3	20 48.32	3.1706	0.0287	39 2 43.0	19.972	0.051	87.2	362 474 567 574	38 51
154	8.8	20 48.52	3.1662	0.0275	37 48 10.1	19.972	0.051	89.7	55 532 592 595	37 69
155	7.8	20 55.25	3.1573	0.0249	34 53 44.1	19.971	0.051	86.3	52 544	*34 56*
156	8.9	0 21 16.20	+3.1732	+0.0289	+39 11 4.6	+19.968	−0.052	79.8	42 48	39 88
157	8.9	21 16.91	3.1722	0.0286	38 52 1.3	19.968	0.052	85.1	335 481 547	38 52
158	9.1	21 19.39	3.1747	0.0292	39 31 23.4	19.968	0.052	79.9	70 77	39 89
159	8.7	21 20.06	3.1703	0.0280	38 15 53.8	19.967	0.052	80.7	320 324	38 53
160	8.8	21 40.31	3.1774	0.0295	39 48 41.0	19.965	0.053	82.5	5 Beob.[1]	39 90
161	8.8	0 21 43.91	+3.1769	+0.0293	+39 35 24.4	+19.964	−0.053	81.3	362 474	39 93
162	9.3	21 46.35	3.1779	0.0295	39 48 34.6	19.964	0.053	95.1	M 320 321; R(2)	39 94
163	8.9	21 57.22	3.1722	0.0278	38 2 3.3	19.962	0.053	80.7	320 324	[37 71]
164	8.2	21 57.96	3.1737	0.0282	38 23 55.2	19.962	0.053	85.2	335 481 547	38 54
165	8.2	22 2.82	3.1676	0.0266	36 36 45.7	19.962	0.053	89.7	55 532 592 595	36 62
166	9.0	0 22 8.17	+3.1729	+0.0278	+37 59 14.3	+19.961	−0.053	93.0	567 574	37 72
167	9.1	22 15.98	3.1686	0.0266	36 35 49.1	19.960	0.054	84.1	45 61 535	36 65
168	6.6	22 18.78	3.1674	0.0261	36 12 30.0	19.959	0.054	89.8	52 544 600 604	36 66
169	9.1	22 28.60	3.1796	0.0292	39 21 42.7	19.958	0.054	81.3	362 474	39 95
170	8.6	22 35.24	3.1735	0.0275	37 36 25.7	19.957	0.054	79.9	70 77	37 73
171	9.0	0 22 42.29	+3.1710	+0.0268	+36 44 34.1	+19.956	−0.055	88.5	52 544 600[2]	36 68
172	7.6	22 43.27	3.1839	0.0300	40 9 7.4	19.956	0.055	79.8	42 48	40 98
173	8.9	22 50.49	3.1718	0.0268	36 47 39.2	19.955	0.055	87.7	5 Beob.[3]	36 69
174	9.0	23 2.95	3.1676	0.0255	35 23 6.5	19.953	0.055	89.7	55 532 592 595	35 78
175	8.8	23 6.81	3.1705	0.0262	36 8 56.0	19.952	0.055	79.9	73 89 94	36 70
176	7.2	0 23 12.94	+3.1764	+0.0276	+37 38 8.2	+19.951	−0.056	80.7	320 324	37 75
177	8.7	23 33.95	3.1681	0.0252	34 57 8.3	19.948	0.056	86.3	52 544	*34 64*
178	8.2	23 35.72	3.1824	0.0287	38 43 8.7	19.948	0.056	81.3	362 474	38 58
179	9.1	23 45.60	3.1870	0.0297	39 40 40.7	19.947	0.057	79.8	42 48	39 103
180	8.9	23 56.53	3.1716	0.0257	35 28 41.0	19.945	0.057	89.7	55 532 567 574	35 83
181	9.0	0 24 2.25	+3.1890	+0.0298	+39 50 27.1	+19.944	−0.058	79.9	70 77	39 104
182	8.6	24 24.06	3.1865	0.0289	38 48 0.3	19.941	0.058	80.7	320 324	38 62
183	8.3	24 40.80	3.1858	0.0284	38 19 14.2	19.938	0.059	83.1	42 70 77 592	38 63
184	7.3	24 44.55	3.1859	0.0284	38 17 23.9	19.937	0.059	86.4	48 595	38 64
185	8.3	24 48.76	3.1818	0.0274	37 9 56.9	19.937	0.059	79.9	73 89 94	37 82
186	8.4	0 24 52.66	+3.1880	+0.0288	+38 38 28.3	+19.936	−0.059	81.3	362 474	38 65
187	8.7	24 57.78	3.1801	0.0269	36 34 32.9	19.935	0.059	89.7	55 534 567 574	36 75
188	8.9	24 58.25	3.1852	0.0280	37 51 5.7	19.935	0.059	80.7	320 324	37 83
189	8.1	25 10.05	3.1798	0.0266	36 16 34.3	19.933	0.060	84.1	45 61 535	36 77
190	9.0	25 18.76	3.1764	0.0257	35 15 50.9	19.932	0.060	89.7	52 544 592 595	35 87
191	8.8	0 25 26.78	+3.1900	+0.0287	+38 28 48.4	+19.931	−0.060	81.3	362 474	38 67
192	8.9	25 32.26	3.1867	0.0278	37 35 5.9	19.930	0.061	80.7	320 324	37 85
193	9.0	25 44.97	3.1854	0.0274	37 3 24.9	19.928	0.061	84.1	45 61 535	36 79
194	6.8	26 2.24	3.1913	0.0284	38 9 14.6	19.925	0.062	79.8	42 48 70 77	38 68
195	8.2	26 12.44	3.1797	0.0256	35 10 5.1	19.923	0.061	89.7	52 544 567 574	35 90
196	8.7	0 26 16.19	+3.1873	+0.0274	+36 57 8.6	+19.923	−0.062	79.9	73 89 94	36 81
197	8.0	26 37.65	3.1869	0.0270	36 29 32.9	19.919	0.063	87.7	5 Beob.[4]	36 82
198	8.7	26 38.50	3.1846	0.0265	35 56 4.3	19.919	0.062	89.7	55 532 592 595	35 92
199	8.0	26 47.59	3.2004	0.0298	39 24 54.1	19.917	0.063	79.8	42 48	39 115
200	9.1	26 50.86	3.2010	0.0299	39 29 19.2	19.917	0.063	81.3	362 474	39 116

[1] Z. 42 48 70 77 600 [2] Oblonga [3] Z. 45 61 535 567 574 [4] Z. 45 61 535 592 595

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
201	8.6	0h 26m 54s.55	+3s.1999	+0s.0297	+39° 11′ 39″.8	+19″.916	−0″.064	79.2	70 77	39° 117
202	9.0	27 6.29	3.1951	0.0283	37 55 9.8	19.914	0.064	80.7	320 324	37 89
203	8.8	27 9.97	3.1999	0.0293	38 54 48.9	19.913	0.064	85.2	335 481 547	38 69
204	8.9	27 24.61	3.1878	0.0264	35 54 27.5	19.911	0.064	89.7	52 544 567 574	35 93
205	9.2	28 0.73	3.1978	0.0281	37 35 46.8	19.905	0.066	81.0	320 324 362 474	37 92
206	8.8	0 28 8.11	+3.1948	+0.0274	+36 49 29.1	+19.903	−0.066	84.1	45 61 535	36 86
207	8.4	28 22.54	3.2034	0.0290	38 28 44.1	19.901	0.067	79.9	70 77	38 72
208	9.1	28 23.63	3.2070	0.0297	39 12 0.9	19.901	0.067	79.8	42 48	39 124
209	6.9[1]	28 28.60	3.1932	0.0268	36 8 36.9	19.900	0.066	89.8	52 544 567 574	36 87
210	8.3	28 29.22	3.1978	0.0278	37 8 52.4	19.900	0.067	79.9	73 89 94	37 94
211	8.1	0 28 39.80	+3.2038	+0.0287	+38 15 53.9	+19.898	−0.067	81.3	362 474	38 73
212	9.0	28 40.71	3.2021	0.0285	37 54 35.6	19.897	0.067	80.7	320 324	37 95
213	9.1	28 41.92	3.1932	0.0266	35 54 28.9	19.897	0.066	89.7	55 532[2] 592[3] 595	35 97
214	8.2	28 49.68	3.1896	0.0258	34 58 11.7	19.896	0.067	89.7	52 544 567 574	34 79
215	8.5	28 50.59	3.2118	0.0303	39 45 41.4	19.896	0.068	79.8	42 48	39 127
216	8.2	0 28 53.20	+3.1939	+0.0266	+35 53 24.6	+19.895	−0.067	89.7	55 532 592 595	35 98
217	8.7	29 3.94	3.1931	0.0263	35 33 29.9	19.893	0.067	87.7	5 Beob.[4]	35 99
218	8.8	29 6.56	3.2128	0.0303	39 42 28.7	19.893	0.068	79.9	70 77	39 128
219	9.0	29 8.93	3.2031	0.0283	37 40 6.5	19.892	0.068	85.1	335 481 547	37 97
220	7.1	29 23.82	3.2037	0.0282	37 33 48.3	19.890	0.069	88.3	5 Beob.[5]	37 98
221	8.8	0 29 24.83	+3.2008	+0.0277	+36 55 40.1	+19.889	−0.069	86.5 88.7	94 606δ 609	36 89
222	8.8	29 27.41	3.2014	0.0277	37 0 35.0	19.889	0.069	80.7	320 324	36 90
223	8.7	29 32.26	3.2014	0.0277	36 56 2.9	19.888	0.069	79.9	73 89	[36 91]
224	*8.9	29 38.08	3.2028	0.0278	37 8 58.4	19.887	0.069	80.9	332 356	37 99
225	*8.9	29 40.27	3.1995	0.0271	36 24 3.2	19.886	0.069	80.9	332 356	36 92
226	8.4	0 29 42.95	+3.1937	+0.0260	+35 5 38.1	+19.886	−0.068	86.3	52 544	34 81
227	9.1	29 49.47	3.2017	0.0275	36 42 54.3	19.885	0.069	79.9	73 89 94	36 93
228	8.8	29 57.81	3.2062	0.0283	37 32 54.8	19.883	0.070	86.9	320 324 593 596	37 102
229	8.7	30 4.31	3.2119	0.0293	38 36 14.7	19.882	0.070	79.9	70 77	38 74
230	9.0	30 5.53	3.2136	0.0296	38 55 45.5	19.882	0.070	81.3	362 474	38 75
231	8.5	0 30 19.97	+3.2116	+0.0290	+38 18 29.8	+19.879	−0.071	81.0	348 366	38 76
232	8.6	30 25.36	3.1966	0.0261	35 6 26.9	19.878	0.070	84.1	45 61 535	34 85
233	8.7	30 38.06	3.2220	0.0308	40 2 19.1	19.875	0.071	90.1 90.4	42 584[6]; M 320 321	39 137
234	7.5	30 41.71	3.2201	0.0304	39 38 38.7	19.875	0.071	80.9	98 477	39 138
235	8.5	31 5.10	3.2249	0.0310	40 11 0.1	19.870	0.072	79.9	67 83	40 128
236	9.0	0 31 11.15	+3.2173	+0.0295	+38 39 44.4	+19.869	−0.072	80.7	310 316	38 79
237	8.7	31 20.04	3.2198	0.0298	38 59 42.4	19.867	0.073	81.0	348 366	38 80
238	8.7	31 29.88	3.2100	0.0279	36 56 34.4	19.865	0.073	84.1	45 61 535	36 100
239	8.9	31 34.84	3.2075	0.0273	36 22 52.2	19.864	0.073	90.2	481 547 558 584	36 101
240	8.4	31 44.24	3.2129	0.0282	37 19 55.7	19.862	0.074	85.2	335 481 547	37 106
241	8.7	0 31 53.20	+3.2264	+0.0307	+39 45 0.1	+19.860	−0.074	79.9	83 91	39 144
242	9.0	31 58.61	3.2169	0.0288	37 53 38.3	19.859	0.074	81.0	348 366	37 107
243	8.3	31 58.87	3.2033	0.0262	35 10 47.0	19.859	0.073	79.9	73 89 94	35 109
244	8.3	32 0.15	3.2070	0.0269	35 54 23.4	19.859	0.073	80.7	320 324	35 110
245	8.8	32 3.25	3.2271	0.0307	39 44 38.2	19.858	0.074	80.6	67 98 477	39 145
246	9.1	0 32 8.06	+3.2250	+0.0302	+39 16 33.1	+19.857	−0.074	80.7	310 316	39 146
247	9.1	32 14.36	3.2294	0.0309	39 59 2.1	19.856	0.075	80.7	310 316	39 148
248	9.4	32 20.26	3.2246	0.0300	39 1 26.2	19.855	0.075	83.3 84.9	91 477 600[7]	38 81
249	9.3	32 28.50	3.2042	0.0261	34 56 42.2	19.853	0.074	84.1	45 61 535	34 95
250	9.3	32 36.87[8]	3.2259	0.0300	39 1 11.3	19.852	0.076	93.9 89.3	83 584 M 320	38 82

[1] Dpl. seq. [2] Dpl. med. [3] Dpl.? [4] Z. 45 61 535 600 604 [5] Z. 335 481 547 600 604
[6] *a* Gew. ½ [7] *a* Gew. ½ [8] Z. 83 [36s.21]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
251	8.2	0h 32m 52s.06	+3s.2116	+0s.0272	+36° 6′ 14″.8	+19″.848	−0″.075	79.9	73 89 94	35° 113
252	9.0	33 20.89	3.2080	0.0262	34 59 34.0	19.842	0.076	84.1	45 61 535	34 96
253	7.8	33 21.02	3.2278	0.0298	38 45 12.5	19.842	0.077	80.7	320 324	38 85
254	9.0	33 41.18	3.2218	0.0285	37 21 33.7	19.838	0.078	81.0	348 366	37 114
255	9.3	33 44.69	3.2293	0.0298	38 41 31.2	19.837	0.078	84.3	325 481 477 547	38 87
256	7.8	0 33 45.42	+3.2135	+0.0270	+35 45 49.1	+19.837	−0.077	84.1	45 61 535	35 117
257	7.9	33 46.29	3.2303	0.0300	38 50 35.0	19.837	0.078	80.7	310 316	38 88
258	9.4	33 50.69	3.2114	0.0265	35 17 31.0	19.836	0.077	80.7	320 324	35 120
259	8.6	33 51.89	3.2144	0.0270	35 50 34.3	19.836	0.077	79.9	73 89 94	35 121
260	7.5	33 59.14	3.2351	0.0307	39 31 14.2	19.834	0.078	89.7 90.1[1]	9 Beob.[2]	39 154
261	8.6	0 34 19.51	+3.2259	+0.0288	+37 35 35.9	+19.830	−0.079	81.0	348 366	37 117
262	5.8	34 20.96	3.2326	0.0299	38 46 19.9	19.829	0.079	93.0	8 Beob.[3]	38 90
263	9.0	34 21.33	3.2148	0.0268	35 32 1.9	19.829	0.079	80.7	320 324	35 123
264	8.0	34 25.66	3.2338	0.0301	38 55 2.9	19.828	0.079	87.1	335 481 547 584	38 91
265	9.3	34 33.82	3.2329	0.0298	38 38 32.4	19.827	0.080	80.7	310 316	38 93
266	*9.2	0 34 53.51	+3.2303	+0.0291	+37 56 57.5	+19.822	−0.080	80.9	332 356	37 118
267	9.0	35 4.00	3.2409	0.0309	39 37 24.1	19.820	0.081	79.9	67 83	39 157
268	8.0	35 4.82	3.2327	0.0294	38 12 37.0	19.820	0.081	83.9	335 481 547	38 94
269	8.0	35 8.65	3.2338	0.0296	38 21 47.8	19.819	0.081	81.0	348 366	38 95
270	7.3	35 13.63	3.2440	0.0313	40 0 15.4	19.818	0.081	80.6	91 98 477	39 158
271	9.1	0 35 29.69	+3.2426	+0.0309	+39 33 52.9	+19.814	−0.082	80.6	91 98 477	39 159
272	9.1	35 33.48	3.2293	0.0285	37 14 45.9	19.813	0.082	79.9	73 89 94	37 120
273	8.9	35 40.87	3.2479	0.0316	40 16 10.2	19.812	0.082	79.9	67 83	40 145
274	8.9	35 44.93	3.2212	0.0270	35 39 14.7	19.811	0.082	84.1	45 61 535	35 129
275	8.6	35 46.45	3.2293	0.0284	37 4 47.5	19.810	0.082	79.9	73 89 94	36 111
276	7.9	0 35 48.29	+3.2264	+0.0279	+36 32 11.5	+19.810	−0.082	80.7	320 324	36 112
277	Neb.	35 53.33	3.2483	0.0315	40 10 45.2	19.809	0.082	86.0 86.8	310 316 558 584[4]	40 147
278	8.9	35 57.72	3.2308	0.0285	37 11 53.9	19.808	0.083	88.3	5 Beob.[5]	37 121
279	8.7	36 8.17	3.2450	0.0308	39 27 38.8	19.805	0.083	81.0	348 366	39 163
280	8.6	36 10.83	3.2468	0.0311	39 43 1.3	19.805	0.083	80.7	310 316	39 164
281	8.8	0 36 29.58	+3.2425	+0.0301	+38 46 50.4	+19.801	−0.084	80.7	320 324	38 100
282	9.0	36 37.53	3.2237	0.0270	35 27 15.2	19.799	0.084	84.1	45 61 535	35 132
283	9.6	36 41.73	3.2382	0.0293	37 54 59.9	19.798	0.084	86.9	337 558 584 M140	37 124
284	8.2	37 5.93	3.2339	0.0283	36 52 32.4	19.792	0.085	79.9	73 89 94	36 114
285	7.9	37 15.81	3.2522	0.0313	39 44 58.6	19.790	0.085	79.9	67 83	39 165
286	8.7	0 37 27.39	+3.2548	+0.0315	+40 0 2.8	+19.787	−0.086	80.6	91 98 477	39 166
287	6.8	37 47.62	3.2564	0.0315	39 59 41.9	19.782	0.086	79.9	67 83	39 167
288	8.6	37 53.18	3.2316	0.0275	35 55 5.1	19.781	0.087	87.7	5 Beob.[6]	35 137
289	9.3	37 56.62	3.2568	0.0315	39 57 21.0	19.780	0.087	85.6	5 Beob.[7]	39 168
290	9.1	38 11.30	3.2521	0.0306	39 2 57.8	19.777	0.087	80.7	310 316	38 105
291	7.8	0 38 23.37	+3.2378	+0.0283	+36 41 54.4	+19.774	−0.088	79.9	73 89 94	36 117
292	8.7	38 34.82	3.2415	0.0287	37 5 4.7	19.771	0.088	79.9	73 89 94	36 118
293	8.8	38 40.84	3.2554	0.0309	39 12 5.9	19.769	0.088	80.6	91 98 477	39 171
294	8.5	39 2.94	3.2596	0.0313	39 34 4.4	19.764	0.089	80.7	310 316	39 174
295	7.7	39 11.80	3.2640	0.0318	40 7 37.0	19.762	0.089	79.9	67 83	40 158
296	9.3	0 39 13.87	+3.2389	+0.0279	+36 11 56.5	+19.761	−0.089	84.1	45 61 535	36 121
297	8.5	39 15.94	3.2477	0.0292	37 35 17.0	19.761	0.089	86.8	320 324 558 584	37 127
298	8.8	39 21.50	3.2622	0.0315	39 44 30.4	19.759	0.090	80.6	91 98 477	39 176
299	8.8	39 32.30	3.2518	0.0297	38 2 11.9	19.757	0.090	80.7	310 316	37 130
300	9.4	39 34.49	3.2481	0.0291	37 26 12.5	19.756	0.090	81.0	348 366	37 131

[1] E.B. +0s.033 −0″.72 (Porter) [2] Z. 67 83 593 596 600 604 606δ 609; M 265 [3] Z. 558 584 593 596 600 604 606δ 609 [4] α Gew. ½ [5] Z. 335 481 547 593 596 [6] Z. 45 61 535 593 596 [7] Z. 91 98 477 558 584

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
301	8.6	0^h 39^m $48^s.02$	$+3^s.2589$	$+0^s.0307$	+38° 56′ 17″.5	+19″.753	−0″.091	79.9	67 83	38° 108
302	9.3	40 3.40	3.2433	0.0281	36 20 34.9	19.749	0.091	80.7	320 324	36 123
303	8.8	40 23.95	3.2424	0.0278	35 58 41.9	19.744	0.092	82.0	6 Beob. [1]	35 143
304	8.9	40 28.00	3.2466	0.0283	36 35 32.4	19.742	0.092	83.9	335 481 547	36 124
305	9.1	40 28.22	3.2553	0.0297	37 56 7.8	19.742	0.092	80.6	91 98 477	37 133
306	7.9	0 40 30.23	+3.2582	+0.0301	+38 20 46.7	+19.742	−0.092	79.9	67 83	38 112
307	8.8	40 52.62	3.2506	0.0287	36 56 54.3	19.736	0.093	83.9	335 481 547	36 126
308	*8.6	41 8.29	3.2471	0.0281	36 13 39.4	19.732	0.093	80.9	332 356	36 127
309	7.7	41 12.58	3.2446	0.0277	35 48 20.7	19.731	0.093	80.7	320 324	35 145
310	7.6	41 12.91	3.2429	0.0274	35 31 19.6	19.731	0.093	79.9	73 89 94	35 146
311	8.4	0 41 21.96	+3.2406	+0.0270	+35 3 20.1	+19.728	−0.093	84.1	45 61 535	34 117
312	9.3	41 34.27	3.2714	0.0315	39 33 8.8	19.725	0.094	79.9	67 83	39 185
313	9.0	41 42.38	3.2688	0.0310	39 5 58.5	19.723	0.095	80.6	91 98 477	38 115
314	9.0	42 26.01	3.2524	0.0282	36 12 53.9	19.711	0.096	87.7	5 Beob. [2]	36 131
315	8.9	42 37.58	3.2769	0.0317	39 37 3.9	19.708	0.096	79.9	67 83	39 189
316	7.9	0 42 42.80	+3.2625	+0.0295	+37 31 22.2	+19.707	−0.097	80.7	310 316	37 143
317	8.8	43 4.70	3.2715	0.0306	38 34 29.2	19.701	0.097	80.6	91 98 477	38 118
318	8.7	43 7.21	3.2501	0.0275	35 25 7.3	19.700	0.097	84.1	45 61 535	35 151
319	7.9	43 10.39	3.2682	0.0301	38 3 29.0	19.699	0.098	80.8	320 324 348	37 144
320	8.7	43 15.34	3.2684	0.0300	38 1 40.0	19.698	0.098	89.0	366 593 596	37 145
321	9.2	0 43 26.58	+3.2581	+0.0285	+36 25 39.4	+19.695	−0.098	80.7	320 324	36 133
322	8.9[3]	43 28.71	3.2496	0.0272	35 7 17.9	19.694	0.097	79.9	73 89	35 152
323	8.4	43 31.50	3.2707	0.0303	38 11 9.1	19.694	0.099	80.6	91 98 477	38 120
324	8.8	43 33.48	3.2632	0.0291	37 5 0.5	19.693	0.098	85.2	5 Beob. [4]	36 134
325	8.1	43 33.48	3.2851	0.0323	40 7 37.0	19.693	0.099	86.9	67 83 558 584	40 172
326	9.0	0 43 46.04	+3.2671	+0.0296	+37 30 59.5	+19.690	−0.099	80.7	310 316	37 149
327	7.0	44 21.21	3.2686	0.0294	37 21 46.8	19.680	0.100	81.0	348 366	37 151
328	9.6	44 24.72	3.2844	0.0317	39 29 30.9	19.679	0.100	80.7	310 316	39 195
329	8.9	44 25.66	3.2770	0.0306	38 29 22.9	19.679	0.101	80.9	91 477	38 122
330	8.9	44 29.21	3.2539	0.0274	35 9 57.7	19.678	0.100	84.1	45 61 535	35 154
331	8.6	0 44 30.14	+3.2621	+0.0285	+36 21 8.2	+19.677	−0.100	80.7	320 324	36 140
332	9.1	44 40.39	3.2703	0.0295	37 24 45.2	19.674	0.101	85.2	335 481 547	37 153
333	9.0	44 44.50	3.2803	0.0309	38 44 39.2	19.673	0.101	79.9	67 83	38 124
334	9.5	44 52.71	3.2736	0.0299	37 44 27.8	19.671	0.101	81.0	348 366	37 156
335	9.0	44 52.86	3.2653	0.0288	36 35 18.9	19.671	0.101	79.9	73 89 94	36 141
336	8.8	0 45 13.99	+3.2607	+0.0280	+35 42 42.5	+19.665	−0.102	84.1	45 61 535	35 157
337	9.1	45 39.06	3.2599	0.0277	35 20 47.0	19.658	0.103	87.7	5 Beob. [5]	35 158
338	8.8	45 47.44	3.2861	0.0312	38 51 43.6	19.655	0.104	80.8	310 316 348 366	38 127
339	8.5	45 49.32	3.2971	0.0327	40 15 39.5	19.655	0.104	79.9	67 83	40 184
340	6.9	45 58.63	3.2924	0.0319	39 33 49.9	19.652	0.104	80.6	91 98 477	39 198
341	6.4	0 46 0.88	+3.2795	+0.0302	+37 52 9.7	+19.652	−0.104	80.7	320 324	37 159
342	8.1	46 3.69	3.2681	0.0286	36 15 54.2	19.651	0.104	79.9	73 89 94	36 145
343	9.3	46 5.85	3.2904	0.0316	39 14 33.5	19.650	0.104	85.2	335 481 547	39 199
344	*7.8	46 6.09	3.2836	0.0307	38 21 30.5	19.650	0.104	80.9[6]	332 356	38 129
345	8.8	46 8.16	3.2849	0.0308	38 30 7.1	19.649	0.105	89.7 90.1	8 Beob. [7]	38 130
346	8.7	0 46 10.81	+3.2849	+0.0308	+38 28 44.9	+19.649	−0.105	84.9	332 356 609	38 131
347	9.3	46 26.71	3.2872	0.0310	38 37 9.4	19.644	0.105	89.0	348 558 584	38 132
348	9.1	46 31.13	3.2652	0.0280	35 36 23.9	19.643	0.105	79.9	73 89 94	35 161
349	8.8	46 35.99	3.2721	0.0289	36 30 56.1	19.641	0.105	80.7	320 324	36 147
350	6.6	46 36.65	3.2738	0.0291	36 44 23.9	19.641	0.105	80.8	326 337	36 148

[1] Z. 45 61 73 89 94 535 [2] Z. 45 61 535 558 584 [3] Dpl. seq. [4] Z. 73 89 94 593 596
[5] Z. 45 61 535 558 584 [6] E.B. $+0^s.006$ $+0''.17$ (Porter) [7] Z. 335 481 593 596 600 604 606δ; M 264

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
351	8.3	0h 46m 39s.71	+3s.2914	+0s.0314	+39° 1' 57".8	+19".640	−0".106	80.7	310 316	38° 134
352	8.7	46 54.91	3.2630	0.0275	35 3 11.2	19.636	0.106	84.1	45 61 535	34 137
353	9.3	47 7.48	3.2743	0.0289	36 30 59.2	19.632	0.106	80.7	320 324	36 149
354	9.1	47 13.11	3.2964	0.0319	39 20 18.8	19.630	0.107	79.9	67 83	39 203
355	8.9	47 14.90	3.2968	0.0319	39 23 3.3	19.630	0.107	80.6	91 98 477	39 204
356	7.7	0 47 23.06	+3.2897	+0.0308	+38 23 21.2	+19.627	−0.107	88.3	5 Beob.[1]	38 136
357	8.6	47 29.66	3.2874	0.0305	38 1 59.6	19.625	0.107	81.0	348 366	37 163
358	8.5	47 41.17	3.2898	0.0307	38 13 45.2	19.622	0.108	80.7	310 316	38 138
359	7.8	47 43.74	3.2920	0.0310	38 29 29.0	19.621	0.108	79.9	67 83 91	38 140
360	8.6	47 43.82	3.2920	0.0310	38 29 4.8	19.621	0.108	80.9	98 477	38 139
361	*9.0	0 47 44.01	+3.2876	+0.0304	+37 55 3.0	+19.621	−0.108	80.9	332 356	37 165
362	9.0	47 58.46	3.2876	0.0303	37 46 41.2	19.616	0.108	80.7	310 316	37 166
363	8.5	48 26.11	3.2713	0.0279	35 22 25.0	19.608	0.109	87.7	5 Beob.[2]	35 167
364	9.1	48 28.66	3.3003	0.0317	39 6 42.0	19.608	0.110	88.7	67 593 596	39 209
365	8.2	48 30.84	3.3055	0.0324	39 42 17.4	19.607	0.110	80.6	91 98 477	39 210
366	8.8	0 48 55.14	+3.2711	+0.0277	+35 3 42.6	+19.599	−0.110	84.1	45 61 535	34 146
367	9.3	48 59.15	3.2921	0.0304	37 47 27.9	19.598	0.111	80.7	320 324	37 171
368	8.4	49 0.85	3.2855	0.0294	36 55 33.8	19.597	0.110	79.9	73 89 94	36 154
369	8.7	49 4.05	3.2981	0.0311	38 29 30.5	19.596	0.111	81.0	348 366	38 146
370	9.1	49 8.86	3.3033	0.0317	39 4 26.4	19.595	0.111	80.7	320 324	38 147
371	7.0	0 49 9.75	+3.3093	+0.0326	+39 47 38.2	+19.595	−0.111	81.0	348 366	39 211
372	9.5	49 14.71	3.3109	0.0327	39 56 1.1	19.593	0.111	80.7	310 316	39 213
373	8.8	49 45.36	3.2949	0.0304	37 42 27.5	19.583	0.112	80.6	91 98 477	37 174
374	**4.0**	**49 49.27**	**3.2961**	**0.0305**	**37 49 15.1**	**19.582**	**0.112**		**Fund. Cat.**	**37 175**
375	8.7[3]	50 9.04	3.3146	0.0328	39 52 20.5	19.576	0.113	79.9	67 83	39 217
376	9.3	0 50 9.10	+3.2855	+0.0290	+36 18 8.8	+19.576	−0.112	87.7	5 Beob.[4]	36 156
377	7.7	50 40.06	3.2910	0.0294	36 43 48.7	19.566	0.114	79.9	73 89 94	36 161
378	8.2	50 40.18	3.2883	0.0291	36 23 13.1	19.566	0.114	80.7	320 324	36 160
379	9.3	50 45.65	3.2837	0.0285	35 45 43.8	19.564	0.114	84.1	45 61 535	35 174
380	9.0	50 56.90	3.2923	0.0295	36 44 58.6	19.561	0.114	81.3 85.2	335 481 547δ	36 163
381	9.0	0 51 4.71	+3.3189	+0.0328	+39 50 45.0	+19.558	−0.115	79.9	67 83	39 219
382	7.8	51 8.62	3.2937	0.0295	36 49 24.4	19.557	0.115	80.8	326 337	36 164
383	7.0	51 13.69	3.3105	0.0316	38 48 0.9	19.555	0.116	80.7	310 316	38 148
384	*9.2	51 15.61	3.2911	0.0292	36 26 0.4	19.555	0.115	80.9	332 356	36 165
385	8.7	51 17.93	3.3144	0.0321	39 12 56.9	19.554	0.116	80.6	91 98 477	39 221
386	9.3	0 51 20.28	+3.2918	+0.0292	+36 28 23.4	+19.553	−0.115	80.7	320 324	36 166
387	9.2[5]	51 45.33	3.3210	0.0327	39 43 49.6	19.545	0.117	80.6	91 98 477	39 222
388	9.4	51 46.42	3.3120	0.0315	38 41 16.1	19.545	0.117	80.7	310 316	38 151
389	8.2	51 50.44	3.2942	0.0293	36 31 4.8	19.543	0.116	84.1	45 61 535	36 168
390	9.4	52 4.49	3.2954	0.0294	36 32 12.5	19.539	0.117	79.9	73 89 94	36 169
391	8.7	0 52 5.99	+3.3098	+0.0312	+38 15 31.8	+19.538	−0.118	81.0	348 366	38 154
392	7.9	52 8.86	3.3160	0.0318	38 56 34.1	19.537	0.118	81.3 85.2	335 481 547δ	38 155
393	*9.2	52 16.60	3.3112	0.0313	38 19 45.1	19.535	0.118	80.9	332 356	38 157
394	8.2	52 17.13	3.2933	0.0290	36 10 9.5	19.534	0.117	80.7	320 324	36 170
395	*9.0	52 23.39	3.3011	0.0299	37 4 35.6	19.533	0.117	80.9	332 356	36 171
396	8.5	0 52 25.40	+3.3290	+0.0334	+40 16 1.9	+19.532	−0.118	79.9	67 83	40 199
397	7.1	52 28.01	3.3221	0.0325	39 28 49.4	19.531	0.118	79.9	67 83	39 224
398	8.8	52 29.98	3.3176	0.0319	38 56 48.0	19.530	0.119	87.0	348 366 558 584	38 160
399	8.7	52 32.24	3.3019	0.0299	37 5 42.0	19.530	0.118	80.8	326 337	36 173
400	9.1	52 37.32	3.3156	0.0316	38 39 34.1	19.528	0.119	80.6	91 98 477	38 161

[1] Z. 332 481 547 558 584 [2] Z. 45 61 535 558 584 [3] BD 7.8 [4] Z. 45 61 535 558 584 [5] BD 8.7

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
401	8.5	$0^h\ 52^m\ 37^s.55$	$+3^s.3187$	$+0^s.0319$	+39° 0' 1".8	+19".528	−0".119	81.3	335 481	38° 162
402	8.4	52 38.84	3.3017	0.0298	37 0 19.8	19.527	0.118	79.9	73 89	36 174
403	8.8	53 21.41	3.3100	0.0305	37 37 13.4	19.513	0.120	93.0 92.9	547δ 558 584	37 187
404	8.6	53 21.81	3.3101	0.0305	37 37 46.3	19.513	0.120	81.1	332 335 356 481	37 188
405	7.7	53 26.40	3.2887	0.0279	35 0 59.4	19.512	0.119	84.1	45 61 535	34 160
406	9.4	0 53 32.65	+3.3026	+0.0296	+36 39 33.5	+19.509	−0.120	80.7	320 324	36 176
407	8.5	53 35.36	3.3134	0.0309	37 54 8.6	19.508	0.121	81.0	348 366	37 189
408	7.0	53 35.62	3.3066	0.0300	37 7 0.4	19.508	0.120	80.8	326 337	37 190
409	9.3	53 39.58	3.3250	0.0322	39 10 31.3	19.507	0.121	80.6	91 98 477	39 228
410	9.3	53 49.43	3.3125	0.0307	37 40 58.3	19.504	0.121	81.3 85.2	335 481 547δ	37 191
411	9.4	0 53 54.09	+3.3169	+0.0312	+38 8 59.8	+19.502	−0.122	84.9	348 366 584	38 165
412	9.1	53 55.40	3.2910	0.0280	35 3 48.3	19.502	0.120	87.7	5 Beob. [1]	34 162
413	*9.2	53 58.46	3.3024	0.0294	36 24 41.2	19.501	0.121	80.9	332 356	36 177
414	7.5	53 59.67	3.2989	0.0290	35 59 9.1	19.500	0.121	79.9	73 89 94	35 181
415	9.3	54 2.87	3.3357	0.0334	40 8 21.6	19.499	0.122	79.9	67 83	40 204
416	9.2	0 54 18.33	+3.3283	+0.0323	+39 12 52.0	+19.494	−0.122	80.7	310 316	39 232
417	8.4	54 29.75	3.3269	0.0321	38 57 28.3	19.490	0.123	81.3	335 481	38 169
418	8.8	54 34.30	3.3199	0.0312	38 9 4.5	19.488	0.123	80.8	326 337	38 170
419	7.9	54 40.32	3.2961	0.0284	35 19 17.6	19.486	0.122	79.9	73 89 94	35 184
420	8.8	54 41.93	3.2981	0.0286	35 32 38.2	19.486	0.122	80.7	320 324	35 185
421	8.6	0 54 45.26	+3.3363	+0.0331	+39 50 53.2	+19.485	−0.123	80.0	91 98	39 236
422	8.8	54 50.05	3.3367	0.0332	39 51 2.6	19.483	0.124	80.6	67 83 477	39 237
423	9.2	54 58.52	3.3273	0.0319	38 45 59.0	19.480	0.124	81.0	348 366	38 171
424	*9.2	55 7.58	3.3221	0.0312	38 6 43.2	19.477	0.124	80.9	332 356	38 172
425	8.7	55 11.29	3.3331	0.0325	39 17 41.2	19.476	0.124	80.7	310 316	39 239
426	8.7	0 55 27.77	+3.3094	+0.0296	+36 30 46.5	+19.470	−0.124	80.8	326 337	36 182
427	8.7	55 28.72	3.3313	0.0323	38 57 15.2	19.470	0.125	81.3 85.2	335 481 547δ	38 174
428	8.8	55 30.48	3.2968	0.0281	35 0 27.0	19.469	0.124	84.1	45 61 535	34 166
429	9.0	55 31.70	3.3026	0.0288	35 41 2.1	19.468	0.124	79.9	73 89 94	35 186
430	7.8	55 33.51	3.3303	0.0320	38 48 13.8	19.468	0.125	80.6	91 98 477	38 176
431	9.3	0 55 42.35	+3.3166	+0.0303	+37 13 36.7	+19.465	−0.125	81.0	348 366	37 196
432	9.5	55 48.68	3.3045	0.0289	35 46 0.9	19.463	0.124	86.8	324 584	35 188
433	9.1	55 50.96	3.3391	0.0330	39 36 19.5	19.462	0.126	79.9	67 83	39 242
434	8.2	56 7.67	3.3065	0.0290	35 51 32.1	19.456	0.125	84.1	45 61 535	35 189
435	8.9	56 19.28	3.3435	0.0332	39 49 43.7	19.452	0.127	88.7	67 593 596	39 246
436	8.1	0 56 32.04	+3.3109	+0.0293	+36 10 12.2	+19.447	−0.126	86.9	320 324 593 596	36 185
437	8.8	56 47.08	3.3071	0.0288	35 36 58.3	19.442	0.127	84.1	45 61 535	35 194
438	9.5	57 0.08	3.3325	0.0316	38 20 25.4	19.437	0.128	87.9	91(½) 477 558 584	38 179
439	9.3	57 3.35	3.3053	0.0285	35 16 41.7	19.436	0.127	79.9	73(½) 89 94	35 196
440	7.9	57 3.68	3.3130	0.0295	36 9 42.4	19.436	0.128	81.3 85.2	335 481 547δ	36 187
441	7.9	0 57 6.06	+3.3300	+0.0313	+38 1 0.9	+19.435	−0.129	87.0	332 593 596 M151	37 199
442	8.6	57 6.37	3.3187	0.0300	36 46 46.6	19.435	0.128	80.7	320 324	36 188
443	9.5	57 13.78	3.3395	0.0323	38 58 30.4	19.432	0.129	80.7	310 316	38 181
444	6.4	57 34.96	3.3445	0.0328	39 19 14.0	19.425	0.130	80.2	67 83 310	39 249
445	8.6	57 40.87	3.3345	0.0316	38 13 37.7	19.422	0.130	81.0	348 366	38 183
446	8.7	0 57 47.00	+3.3453	+0.0328	+39 18 56.3	+19.420	−0.130	88.9	316 593 596	39 252
447	9.3	57 47.44	3.3471	0.0329	39 29 30.9	19.420	0.130	80.9	91 477	39 251
448	8.6	57 59.31	3.3167	0.0295	36 9 9.1	19.416	0.130	87.7	5 Beob. [2]	36 190
449	9.1	58 1.31	3.3523	0.0336	39 54 29.7	19.415	0.131	81.3 85.2	335 481 547δ	39 253
450	9.4	58 3.02	3.3168	0.0295	36 7 55.9	19.414	0.130	79.9	89 94	36 191

[1] Z. 45 61 535 593 596 [2] Z. 45 61 535 558 584

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
451	8.4	0^{h} 58^{m} $10^{s}.50$	$+3^{s}.3327$	$+0^{s}.0312$	+37° 48′ 21″.4	+19″.412	−0″.131	81.3	348 366	37° 202
452	9.1	58 10.53	3.3475	0.0329	39 20 53.8	19.412	0.131	80.7	310 316	39 254
453	9.1	58 10.55	3.3176	0.0295	36 9 54.8	19.412	0.130	80.7	320 324	36 193
454	8.6	58 21.54	3.3408	0.0319	38 34 20.6	19.408	0.131	80.6	91 98 477	38 184
455	8.7	58 43.85	3.3313	0.0308	37 23 27.4	19.399	0.131	84.1	45 61 535	37 205
456	8.0	0 58 49.36	+3.3442	+0.0322	+38 42 16.8	+19.397	−0.132	79.9	67 83	38 187
457	9.1	59 22.25	3.3472	0.0322	38 45 27.5	19.385	0.134	80.7	310 316	38 190
458	8.4	59 39.96	3.3199	0.0292	35 44 18.6	19.378	0.133	84.1	45 61 535	35 202
459	9.2	59 58.98	3.3635	0.0339	40 5 54.5	19.371	0.135	79.9	67 83	39 257
460	9.4	1 0 1.88	3.3548	0.0329	39 13 23.4	19.370	0.135	87.0	98 477 559 575	39 258
461	7.3	1 0 8.54	+3.3431	+0.0315	+37 58 54.1	+19.368	−0.135	80.7	310 316	37 210
462	8.6	0 10.57	3.3430	0.0315	37 57 55.9	19.367	0.135	80.7	320 324	37 211
463	9.0	0 12.00	3.3250	0.0296	36 3 45.6	19.366	0.135	79.9	89 94	35 203
464	9.3	0 14.29	3.3367	0.0308	37 16 3.0	19.365	0.136	93.0	606δ 609; M 260 261	37 212
465	7.2	0 22.89	3.3381	0.0309	37 21 35.3	19.362	0.136	80.4	85 327	37 213
466	7.6	1 0 57.85	+3.3527	+0.0322	+38 35 3.7	+19.349	−0.137	80.6	91 98 477	38 194
467	8.8	1 3.28	3.3201	0.0286	35 8 53.4	19.347	0.135	79.8	49 53	35 207
468	8.6	1 8.26	3.3679	0.0339	39 59 31.8	19.345	0.138	79.9	67 83	39 263
469	8.8	1 32.18	3.3247	0.0290	35 26 32.1	19.336	0.137	79.8	49 53	35 209
470	9.3	1 38.34	3.3462	0.0313	37 38 9.1	19.333	0.138	80.9	353 363	37 217
471	8.5	1 1 41.06	+3.3441	+0.0310	+37 24 0.8	+19.332	−0.138	79.8	56 65	37 218
472	8.6	1 41.66	3.3460	0.0312	37 35 28.3	19.332	0.138	89.0	327 559 575	37 219
473	8.4	1 45.23	3.3654	0.0333	39 28 21.2	19.331	0.139	80.6	91 98 477	39 266
474	8.0	1 45.50	3.3480	0.0314	37 46 1.9	19.330	0.139	81.7	475 486	37 220
475	9.1	1 48.95	3.3724	0.0341	40 7 3.6	19.329	0.139	79.9	67 83	40 228
476	9.5	1 1 53.22	+3.3226	+0.0286	+35 3 55.6	+19.328	−0.137	80.8	338 339	34 191
477	9.5	2 3.14	3.3577	0.0323	38 36 32.3	19.324	0.140	81.0	348 366	38 198
478	8.5	2 6.67	3.3698	0.0337	39 44 21.7	19.322	0.140	80.7	310 316	39 268
479	8.2	2 32.10	3.3652	0.0331	39 6 53.9	19.312	0.141	80.6	91 98 477	39 269
480	8.5	2 34.54	3.3331	0.0295	35 53 40.5	19.311	0.140	79.8	56 65	35 213
481	9.4	1 2 35.00	+3.3694	+0.0334	+39 29 31.4	+19.311	−0.141	87.0	348 366 559 575	39 270
482	8.6	2 43.27	3.3562	0.0319	38 9 39.3	19.308	0.141	87.4	475 486; M 260 261	38 201
483	7.6	2 43.93	3.3491	0.0311	37 27 27.4	19.308	0.140	85.5 87.4	480 484 606δ 609	37 223
484	**2.3**	**2 44.30**	**3.3249**	**0.0286**	**34 57 26.1**	**19.308**	**0.139**		**Fund. Cat.**	**34 198**
485	9.0[1]	2 44.82	3.3703	0.0334	39 30 38.5	19.307	0.141	81.7	475 486	39 271
486	8.9	1 2 47.82	+3.3650	+0.0328	+38 59 10.7	+19.306	−0.141	80.9	353 363	38 202
487	8.6	2 51.22	3.3739	0.0338	39 47 42.4	19.305	0.141	80.7	310 316	39 272
488	8.9	2 56.66	3.3762	0.0340	39 58 37.0	19.303	0.142	87.0	348 366; M 260 261	39 273
489	8.6	3 0.78	3.3267	0.0286	35 2 9.2	19.301	0.139	79.8	49 53	34 199
490	8.1	3 7.82	3.3802	0.0344	40 16 8.2	19.298	0.142	86.5	67 83 559 575	40 231
491	9.1	1 3 17.84	+3.3478	+0.0308	+37 5 16.3	+19.294	−0.141	80.8	338 339	36 197
492	9.0	3 21.02	3.3550	0.0315	37 46 27.8	19.293	0.142	80.8	83 91 98 477	37 225
493	8.8	3 29.99	3.3356	0.0294	35 45 45.1	19.289	0.141	80.4	85 327	35 214
494	8.9	3 35.11	3.3313	0.0289	35 16 51.6	19.287	0.141	86.4	56 65; M 260 261	35 215
495	9.2	3 35.37	3.3561	0.0316	37 46 45.2	19.287	0.143	86.5 88.7	67 606δ 609	37 227
496	9.3	1 3 35.50	+3.3463	+0.0305	+36 48 13.2	+19.287	−0.142	80.9	353 363	36 198
497	9.5	3 35.68	3.3765	0.0338	39 43 20.4	19.287	0.143	93.0	559 575	39 274
498	9.2	3 41.19	3.3330	0.0291	35 24 30.4	19.285	0.142	79.8	49 53	35 216
499	9.5	3 50.47	3.3639	0.0323	38 25 34.3	19.281	0.143	80.7	310 316	38 205
500	8.9	3 57.68	3.3505	0.0309	37 4 43.1	19.278	0.143	80.8	338 339	36 200

[1] Dpl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
501	5.7	$1^h\ 4^m\ 9^s.17$	$+3^s.3511$	$+0^s.0308$	+37° 3' 30".2	+19".274	−0".143	81.4	353 363; M213 219	36° 201
502	8.4	4 18.17	3.3341	0.0290	35 16 3.7	19.270	0.143	80.4	85 327	35 218
503	8.2	4 44.83	3.3405	0.0295	35 44 37.2	19.259	0.144	79.8	49 53	35 219
504	9.4	4 49.90	3.3530	0.0308	36 56 44.1	19.257	0.145	80.8	338 339	36 202
505	8.7	4 52.54	3.3561	0.0311	37 14 21.3	19.256	0.145	80.4	85 327	37 231
506	8.6	1 5 3.38	+3.3600	+0.0314	+37 32 25.8	+19.252	−0.146	81.0	348 366	37 233
507	9.0	5 9.64	3.3749	0.0329	38 54 7.9	19.249	0.146	80.6	91 98 477	38 210
508	7.4	5 10.05	3.3897	0.0345	40 14 49.8	19.249	0.147	79.9	67 83	40 244
509	9.5	5 18.20	3.3789	0.0333	39 12 56.3	19.246	0.147	85.9	310 316 559 575(½)	39 280
510	9.4	5 41.39	3.3552	0.0307	36 49 13.0	19.236	0.147	80.4	85 327	36 203
511	8.0	1 5 42.86	+3.3430	+0.0294	+35 36 17.0	+19.235	−0.146	79.8	49 53	35 221
512	8.8	5 43.93	3.3503	0.0302	36 19 38.1	19.235	0.147	80.8	338 339	36 204
513	9.0	5 57.61	3.3584	0.0309	37 1 4.6	19.229	0.147	80.9	353 363	36 205
514	8.1	6 6.12	3.3737	0.0324	38 24 26.4	19.226	0.148	79.9	67 83	38 214
515	8.8	6 7.56	3.3417	0.0291	35 18 51.7	19.225	0.147	79.8	56 65	35 223
516	9.4	1 6 38.58	+3.3757	+0.0324	+38 22 2.4	+19.212	−0.150	80.0	91 98	— —
517	9.3	6 43.70	3.3766	0.0325	38 25 1.9	19.210	0.150	88.3	477 M320	38 219
518	8.0	6 47.61	3.3616	0.0310	36 59 22.0	19.208	0.149	79.8	56 65	36 209
519	9.0	6 51.80	3.3891	0.0338	39 29 10.7	19.207	0.151	79.9	67 83	39 287
520	9.0	6 57.93	3.3639	0.0311	37 8 37.3	19.204	0.149	80.4	85 327	37 235
521	8.9	1 7 13.81	+3.3443	+0.0289	+35 8 13.8	+19.197	−0.149	79.8	49 53	35 228
522	9.1	7 16.40	3.3658	0.0312	37 12 0.0	19.196	0.150	89.0	348 559 575	37 237
523	8.7	7 31.16	3.3682	0.0314	37 19 13.0	19.190	0.151	79.8	56 65	37 239
524	7.6	7 38.33	3.3847	0.0330	38 47 15.2	19.187	0.152	84.0	7 Beob.[1]	38 220
525	8.7	8 7.27	3.3799	0.0323	38 9 27.4	19.175	0.153	80.7	310 316	38 222
526	8.0	1 8 20.73	+3.3772	+0.0320	+37 49 28.4	+19.169	−0.153	80.9	353 363	37 242
527	8.5	8 27.78	3.3696	0.0312	37 4 58.3	19.166	0.153	79.8	49 53	36 212
528	9.6	8 28.96	3.3497	0.0292	35 10 57.1	19.166	0.152	89.0	339 559 575	35 234
529	9.2	9 2.31	3.4080	0.0348	40 14 46.3	19.151	0.156	80.6	91 98 477	40 256
530	9.0	9 5.15	3.3741	0.0314	37 15 15.4	19.150	0.154	79.8	56 65	37 243
531	8.2	1 9 6.05	+3.4052	+0.0345	+39 59 17.8	+19.150	−0.156	80.7	310 316	39 292
532	9.5	9 8.39	3.3501	0.0290	34 58 43.9	19.149	0.153	80.8	338 339	34 219
533	8.9	9 17.92	3.3773	0.0316	37 27 14.0	19.144	0.155	80.4	85 M140	37 245
534	8.4	9 18.56	3.4091	0.0348	40 13 28.7	19.144	0.156	79.9	67 83	40 259
535	8.9	9 20.28	3.4095	0.0349	40 15 5.4	19.143	0.157	79.9	67 83	40 260
536	8.8	1 9 23.29	+3.3550	+0.0294	+35 21 6.8	+19.142	−0.154	79.8	49 53	35 236
537	8.7	9 24.19	3.3888	0.0327	38 27 8.4	19.142	0.156	89.0	348; M 260 261	38 224
538	8.0	9 31.55	3.3600	0.0298	35 46 23.8	19.139	0.155	79.8	56 65	35 237
539	9.0	9 33.29	3.3901	0.0328	38 30 0.7	19.138	0.156	89.0	348 559 575	38 225
540	9.1	9 33.35	3.4052	0.0343	39 48 31.3	19.138	0.156	80.6	91 98 477	39 293
541	9.3	1 9 35.69	+3.3938	+0.0332	+38 48 41.7	+19.137	−0.156	80.7	310 316	38 227
542	7.5	9 40.33	3.3593	0.0297	35 38 50.5	19.135	0.155	79.8	49 53	35 238
543	7.5	9 51.66	3.3834	0.0321	37 48 1.7	19.130	0.156	80.8	338 339	37 248
544	6.8	10 9.62	3.3964	0.0332	38 49 13.3	19.122	0.157	80.9	353 363	38 229
545	9.0	10 35.62	3.3749	0.0310	36 44 58.6	19.110	0.157	79.8	49 53	36 216
546	7.6	1 11 13.03	+3.3931	+0.0325	+38 7 28.3	+19.094	−0.160	80.7	310 316	38 233
547	9.0	11 13.83	3.3948	0.0327	38 16 5.7	19.093	0.160	80.6	91 98 477	38 232
548	9.0	11 25.01	3.4109	0.0341	39 33 55.5	19.088	0.161	79.9	67 83	39 299
549	8.9	11 29.22	3.3958	0.0327	38 15 38.0	19.087	0.160	80.6	91 98 477	38 234
550	6.5[2]	11 42.35	3.3793	0.0310	36 43 39.2	19.081	0.160	79.8	56 65	36 220

[1] Z. 67 83 91 98 477 559 575 [2] Dpl. 8" austr. pr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
551	7.3	1h 11m 44s.33	+3s.4093	+0s.0339	+39° 18′ 20″.1	+19″.080	−0″.161	79.9	67 83	39° 301
552	9.3	12 11.46	3.3636	0.0293	35 7 18.0	19.068	0.160	79.8	49 53	35 246
553	8.5	12 12.86	3.3990	0.0327	38 15 25.3	19.067	0.162	80.7	310 316	38 237
554	8.6	12 24.44	3.4143	0.0341	39 28 11.7	19.062	0.163	80.6	91 98 477	39 304
555	9.5	12 35.48	3.4109	0.0337	39 7 0.6	19.057	0.163	84.8	310 316 559	39 306
556	8.9	1 12 48.21	+3.4116	+0.0337	+39 5 54.5	+19.051	−0.163	81.0	348 366	38 240
557	9.0	12 54.43	3.4230	0.0348	39 59 22.2	19.048	0.164	85.9	67 83 559 575	39 308
558	8.3[1]	13 1.02	3.3763	0.0303	35 58 41.6	19.045	0.163	80.4	85 327	35 249
559	8.2	13 1.32	3.4046	0.0329	38 26 10.9	19.045	0.164	80.9	353 363	38 241
560	8.5	13 12.19	3.3887	0.0314	37 0 54.9	19.040	0.163	86.9	338 339; M 260 261	36 224
561	8.7	1 13 15.95	+3.3657	+0.0292	+34 56 7.1	+19.038	−0.162	79.8	49 53	34 232
562	8.8	13 29.30	3.3756	0.0301	35 45 4.1	19.032	0.163	79.8	56 65	35 251
563	8.8	13 30.51	3.3670	0.0293	34 57 53.6	19.032	0.163	80.8	338 339	34 233
564	9.4	13 42.43	3.4215	0.0343	39 34 24.5	19.026	0.166	79.9	67 83	39 310
565	9.6	13 46.84	3.3954	0.0319	37 22 29.0	19.024	0.165	90.4	348 559 575 M 320	37 258
566	7.5	1 13 54.19	+3.3959	+0.0319	+37 22 36.9	+19.021	−0.165	79.8	49 53	37 259
567	9.1	14 35.99	3.3965	0.0317	37 10 53.9	19.001	0.167	87.0	348 559 575	37 263
568	9.5	14 52.15	3.4128	0.0331	38 26 20.3	18.994	0.168	80.7	310 316	38 245
569	8.9	15 6.45	3.3749	0.0295	35 7 30.0	18.987	0.166	79.8	49 53	35 256
570	9.1	15 10.73	3.4022	0.0320	37 27 20.5	18.985	0.168	80.6	91 98 477	37 267
571	9.0	1 15 16.08	+3.3932	+0.0311	+36 39 31.4	+18.982	−0.168	80.4	85 327	36 230
572	9.4	15 20.38	3.4221	0.0338	39 1 49.1	18.980	0.169	79.9	67 83	38 247
573	9.1	15 24.29	3.3795	0.0298	35 25 16.5	18.979	0.167	88.6	65 559 575	35 258
574	8.8	15 49.16	3.3922	0.0308	36 22 51.3	18.967	0.169	80.4	85 327	36 232
575	9.2	15 56.17	3.3907	0.0307	36 12 57.4	18.964	0.169	80.8	338 339	36 233
576	9.0	1 15 56.46	+3.3836	+0.0301	+35 35 39.8	+18.964	−0.169	79.8	49 53	35 259
577	7.7	16 0.41	3.4369	0.0350	39 57 21.3	18.962	0.171	79.9	67 83	39 315
578	8.4	16 0.89	3.4026	0.0318	37 11 41.8	18.961	0.170	81.7	475 486	37 270
579	9.3	16 4.10	3.4228	0.0336	38 49 23.0	18.960	0.171	80.6	91 98 477	38 249
580	6.8	16 12.04	3.3876	0.0303	35 51 38.8	18.956	0.170	79.8	56 65	35 260
581	9.4	1 16 19.59	+3.3971	+0.0312	+36 37 25.2	+18.952	−0.170	80.9	353 363	[36 234]
582	8.8	16 24.29	3.4003	0.0315	36 51 48.6	18.950	0.171	81.8	480 484	36 235
583	8.7	16 28.89	3.3966	0.0312	36 31 37.5	18.948	0.171	93.0	559 575	36 236
584	6.1	16 31.96	3.4032	0.0317	37 3 41.7	18.946	0.171	80.0	7 Beob. [2]	36 237
585	8.0	16 46.52	3.4316	0.0342	39 16 15.9	18.939	0.173	79.9	67 83	39 318
586	8.9	1 16 48.18	+3.4004	+0.0313	+36 44 10.8	+18.939	−0.171	79.8	49 53	36 238
587	8.6	16 48.74	3.4082	0.0320	37 22 42.9	18.938	0.172	80.9	353 363	37 273
588	8.3	17 4.64	3.4033	0.0315	36 52 28.6	18.931	0.172	80.7	56 65 475 486	36 240
589	9.2	17 11.58	3.4225	0.0332	38 24 56.6	18.927	0.173	80.6	91 98 477	38 253
590	8.0	17 15.51	3.4228	0.0332	38 24 36.2	18.926	0.173	80.7	310 316	38 254
591	6.7	1 17 16.57	+3.3961	+0.0308	+36 13 51.2	+18.925	−0.172	81.8	480 484	36 241
592	7.5	17 20.44	3.4227	0.0332	38 22 21.3	18.923	0.173	81.0	348 366	38 255
593	9.4	17 23.62	3.4229	0.0332	38 22 13.2	18.922	0.174	81.0	348 366	38 256
594	7.4	17 36.74	3.3881	0.0300	35 24 49.7	18.915	0.172	80.8	338 339	35 265
595	8.4	17 37.51	3.4290	0.0337	38 45 56.8	18.915	0.175	80.8	310 316 353 363	38 257
596	9.4	1 17 38.86	+3.4098	+0.0319	+37 13 21.3	+18.914	−0.174	81.7	475 486	37 274
597	9.2	17 41.42	3.4418	0.0348	39 44 12.9	18.913	0.175	79.9	67 83	39 324
598	9.0	17 46.65	3.3903	0.0301	35 33 23.8	18.910	0.173	86.5	65 559	35 266
599	9.1	17 46.74	3.3901	0.0300	35 32 6.2	18.910	0.173	86.5	56 575	35 266
600	8.2	17 50.96	3.4055	0.0315	36 48 8.9	18.908	0.174	81.8	480 484	36 244

[1] Dpl. bor. seq.; Com. 8m.7 5″ 185°

[2] Z. 85 327; M 50 53 54 55 56

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
601	7.9	$1^h\ 17^m\ 52^s.42$	$+3^s.4086$	$+0^s.0317$	+37° 3′ 4″.7	+18″.908	−0″.174	81.7	475 486	36° 245
602	8.3	18 1.51	3.4423	0.0349	39 39 41.4	18.903	0.176	80.6	91 98 477	39 327
603	7.3	18 2.92	3.3858	0.0297	35 4 50.2	18.903	0.173	79.8	49 53	34 243
604	8.4	18 14.43	3.4235	0.0329	38 7 36.9	18.897	0.175	80.7	310 316	38 260
605	9.0	18 16.41	3.3880	0.0298	35 10 56.0	18.896	0.173	80.4	85 327	35 268
606	8.4	1 18 17.79	+3.3896	+0.0299	+35 18 44.1	+18.895	−0.174	80.8	338 339	35 269
607	9.4	18 19.72	3.4014	0.0309	36 17 55.3	18.894	0.175	80.9	353 363	36 247
608	8.3	18 30.82	3.4498	0.0353	40 3 5.7	18.889	0.177	79.9	67 83	39 328
609	7.5	18 36.28	3.3954	0.0303	35 42 26.1	18.886	0.175	79.8	49 53	35 270
610	9.3	18 41.65	3.4277	0.0332	38 18 6.4	18.884	0.176	81.0	348 366	38 261
611	8.6	1 18 50.24	+3.4465	+0.0349	+39 41 38.5	+18.879	−0.177	80.6	91 98 477	39 329
612	8.8	18 53.32	3.4190	0.0323	37 32 37.0	18.878	0.177	80.4	85 327	37 279
613	9.2	18 53.46	3.4219	0.0326	37 46 26.2	18.878	0.177	80.8	338 339	37 278
614	8.8	19 24.54	3.4121	0.0316	36 49 22.8	18.862	0.177	79.8	56 65	36 251
615	8.7	19 25.79	3.4519	0.0351	39 53 50.3	18.862	0.179	80.6	91 98 477	39 331
616	9.1	1 19 33.14	+3.4423	+0.0342	+39 8 5.2	+18.858	−0.179	79.9	67 83	39 333
617	8.7	19 43.00	3.4022	0.0306	35 54 6.7	18.853	0.177	86.4 87.3	49[1] 53 559 575	35 274
618	7.9	19 44.62	3.4114	0.0314	36 38 43.7	18.853	0.178	80.4	85 327	36 252
619	7.5	19 44.96	3.4138	0.0316	36 50 39.0	18.852	0.178	79.8	56 65	36 253
620	8.0	20 1.84	3.4427	0.0341	39 0 22.6	18.844	0.180	80.7	310 316	38 263
621	6.1	1 20 32.42	+3.4541	+0.0350	+39 41 11.6	+18.829	−0.181	79.9	67 83	39 334
622	9.1	20 40.44	3.4233	0.0322	37 17 46.9	18.825	0.180	81.0	348 366	37 286
623	8.9	20 42.09	3.4329	0.0330	38 1 59.8	18.824	0.181	80.7	310 316	37 287
624	8.4	20 42.72	3.4419	0.0338	38 42 54.2	18.823	0.181	80.6	91 98 477	38 267
625	8.9	20 48.18	3.4121	0.0311	36 21 39.6	18.821	0.180	79.8	49 53	36 257
626	8.6	1 20 57.89	+3.4202	+0.0318	+36 57 14.2	+18.816	−0.181	79.8	56 65	36 258
627	7.8	21 16.50	3.4148	0.0312	36 25 19.9	18.806	0.181	80.4	85 327	36 259
628	8.9	21 31.00	3.4468	0.0340	38 49 0.5	18.799	0.183	80.6	91 98 477	38 269
629	8.0	21 44.62	3.4111	0.0308	35 58 55.6	18.793	0.182	79.8	56 65	35 281
630	9.1	21 45.21	3.4007	0.0299	35 7 36.1	18.792	0.181	79.8	49 53	35 280
631	9.4	1 21 45.59	+3.4452	+0.0337	+38 36 58.8	+18.792	−0.184	81.0	348 366	38 271
632	9.0	21 47.29	3.4340	0.0327	37 45 18.9	18.791	0.183	80.8	338 339	37 291
633	8.3	21 49.92	3.4282	0.0322	37 18 11.0	18.789	0.183	80.9	353 363	37 292
634	8.2	21 53.17	3.4282	0.0322	37 16 57.0	18.788	0.183	80.9	353 363	37 293
635	9.0	21 53.61	3.4538	0.0345	39 12 56.2	18.788	0.184	79.9	67 83	39 339
636	7.2	1 22 3.71	+3.4124	+0.0308	+35 58 48.1	+18.782	−0.182	80.6	56 85 M 140	35 282
637	9.5	22 23.12	3.4684	0.0356	40 6 22.9	18.772	0.186	80.7	310 316	40 297
638	8.6	22 57.50	3.4413	0.0330	37 56 19.6	18.755	0.186	80.6	91 98 477	37 299
639	9.2	23 2.85	3.4095	0.0302	35 25 58.1	18.752	0.184	79.8	49 53	35 284
640	8.7	23 23.26	3.4457	0.0333	38 7 59.2	18.741	0.187	79.9	67 83	38 273
641	9.0	1 23 32.41	+3.4129	+0.0304	+35 33 31.2	+18.737	−0.185	79.8	49 53	35 285
642	8.8	23 36.45	3.4679	0.0351	39 40 42.1	18.735	0.188	80.6	91 98 477	39 344
643	8.9	23 43.38	3.4768	0.0358	40 15 40.5	18.731	0.189	86.9	67 83 559 575	40 305
644	7.5	23 47.71	3.4572	0.0341	38 50 57.0	18.729	0.189	81.0	348 366	38 275
645	8.6	23 54.26	3.4563	0.0340	38 44 40.9	18.725	0.189	80.9	353 363	38 276
646	8.4	1 23 57.40	+3.4677	+0.0350	+39 33 12.7	+18.724	−0.189	80.7	310 316	39 346
647	7.2	24 12.53	3.4491	0.0333	38 7 18.8	18.716	0.189	80.0	348 366	38 278
648	9.1	24 24.19	3.4690	0.0350	39 29 45.2	18.710	0.191	79.9	67 83	39 348
649	8.8	24 37.30	3.4158	0.0304	35 26 56.2	18.703	0.188	79.8	49 53	35 287
650	8.9	24 38.55	3.4629	0.0344	38 59 22.3	18.702	0.191	80.6	91 98 477	38 280

[1] δ Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
651	8.4	$1^h 24^m 41^s.09$	$+3^s.4346$	$+0^s.0319$	+36° 53' 20".3	+18".701	−0".189	80.8	338 339	36° 269
652	9.0	24 46.73	3.4815	0.0359	40 15 21.5	18.698	0.191	80.7	310 316	40 308
653	9.0	24 58.69	3.4475	0.0329	37 45 37.7	18.691	0.190	87.4	475 486; M 260 261	37 302
654	7.6	25 2.41	3.4459	0.0328	37 33 38.6	18.690	0.190	81.8	480 484	37 303
655	9.0	25 6.94	3.4133	0.0301	35 6 25.6	18.687	0.188	79.8	56 65	35 289
656	8.8	1 25 8.56	+3.4215	+0.0307	+35 44 25.8	+18.686	−0.189	80.4	85 327	35 290
657	9.3	25 9.40	3.4583	0.0338	38 29 39.0	18.686	0.191	86.9	353 363 559 575	38 281
658	9.3	25 20.25	3.4664	0.0344	39 1 26.5	18.680	0.192	81.0	348 366	38 282
659	7.4	25 37.42	3.4464	0.0326	37 28 43.4	18.671	0.192	81.8	475 486	37 307
660	9.1	25 38.45	3.4171	0.0302	35 14 40.9	18.670	0.190	79.8	49 53	35 293
661	6.5	1 25 38.52	+3.4165	+0.0302	+35 12 2.4	+18.670	−0.190	79.8	56 65	35 292
662	9.0	25 42.93	3.4524	0.0331	37 53 28.4	18.668	0.192	80.9	353 363	37 308
663	8.9	25 50.04	3.4854	0.0359	40 11 41.9	18.664	0.193	80.7	310 316	40 312
664	8.9	25 50.19	3.4846	0.0358	40 8 11.9	18.664	0.193	79.9	67 83	40 313
665	8.9	25 50.83	3.4463	0.0326	37 24 12.5	18.664	0.192	81.8	475 486	37 309
666	8.2	1 25 51.58	+3.4535	+0.0332	+37 55 42.8	+18.663	−0.192	80.9	353 363	37 310
667	9.4	25 54.06	3.4313	0.0313	36 15 47.7	18.662	0.191	80.8	338 339	36 273
668	8.4	26 3.18	3.4355	0.0315	36 32 3.5	18.657	0.192	80.4	85 327	36 274
669	7.1	26 14.77	3.4883	0.0369	40 15 33.5	18.651	0.194	80.6	91 98 477	40 315
670	9.0	26 16.59	3.4568	0.0333	38 2 34.3	18.650	0.193	80.7	310 316	37 313
671	8.7	1 26 25.14	+3.4329	+0.0313	+36 13 33.8	+18.645	−0.192	80.8	338 339	36 275
672	8.4	26 39.16	3.4400	0.0318	36 41 33.2	18.638	0.193	80.4	85 327	36 276
673	7.0	26 44.34	3.4177	0.0300	34 57 55.8	18.635	0.192	79.8	49 53	34 270
674	8.3	27 0.96	3.4263	0.0306	35 32 52.5	18.626	0.193	79.8	56 65	35 296
675	8.5	27 2.97	3.4736	0.0345	38 59 52.2	18.625	0.196	79.9	67 83	38 289
676	5.9	1 27 4.01	+3.4404	+0.0317	+36 35 43.1	+18.624	−0.194	81.8	480 484 486 M 213	36 277
677	8.2	27 8.15	3.4627	0.0336	38 12 12.8	18.622	0.196	80.6	91 98 477	38 291
678	8.7	27 33.48	3.4275	0.0305	35 28 30.1	18.608	0.194	79.8	56 65	35 299
679	8.5	27 37.65	3.4492	0.0323	37 4 43.6	18.606	0.196	80.4	85 327	36 278
680	9.0	27 38.33	3.4526	0.0326	37 19 17.9	18.606	0.196	80.7	310 316	37 316
681	9.5	1 27 40.80	+3.4480	+0.0322	+36 58 43.3	+18.604	−0.196	80.9	353 363	36 279
682	9.3	27 43.35	3.4407	0.0315	36 25 6.1	18.603	0.195	80.8	338 339	36 280
683	8.6	27 48.55	3.4937	0.0359	40 8 27.1	18.600	0.198	79.9	67 83	40 321
684	9.2	28 2.72	3.4240	0.0302	35 4 12.5	18.592	0.195	79.8	49 53	34 275
685	8.9	28 13.28	3.4694	0.0338	38 21 7.3	18.587	0.198	80.6	91 98 477	38 295
686	9.1	1 28 16.03	+3.4545	+0.0325	+37 16 30.0	+18.585	−0.197	81.0	348 366	37 318
687	8.3	28 24.82	3.4314	0.0306	35 31 43.9	18.580	0.196	79.8	56 65	35 300
688	8.6	28 25.94	3.4825	0.0348	39 11 46.8	18.580	0.199	79.9	67 83	39 357
689	8.9	28 30.13	3.4774	0.0344	38 49 12.7	18.577	0.199	81.0	348 366	38 297
690	7.8	28 37.85	3.4841	0.0349	39 14 31.0	18.573	0.200	80.6	91 98 477	39 358
691	7.9	1 28 55.90	+3.4530	+0.0322	+36 58 4.2	+18.563	−0.199	80.4	85 327	36 285
692	8.0	28 56.38	3.4384	0.0310	35 53 51.8	18.563	0.197	79.8	49 53	35 303
693	9.4	29 13.90	3.4312	0.0304	35 16 37.8	18.553	0.198	86.9	338 339 559 575	35 304
694	8.4	29 14.46	3.4897	0.0352	39 26 16.7	18.553	0.202	80.7	310 316	39 363
695	8.6	29 15.12	3.4517	0.0320	36 47 1.2	18.553	0.199	80.8	338 339	36 286
696	9.2	1 29 27.22	+3.4985	+0.0358	+39 57 48.3	+18.546	−0.202	79.9	67 83	39 364
697	8.4	29 29.91	3.4283	0.0302	34 58 36.1	18.544	0.198	79.8	49 53	34 280
698	8.3	29 34.55	3.4675	0.0332	37 48 51.9	18.542	0.201	80.7	310 316	37 321
699	9.1	30 1.25	3.4958	0.0354	39 36 52.7	18.527	0.203	80.6	91 98 477	39 367
700	8.2	30 15.50	3.4713	0.0334	37 52 39.2	18.519	0.202	87.0	348 366 568 576	37 325

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
701	8.5	1h 30m 17s.71	+3s.4461	+0s.0313	+36° 4' 10".5	+18".518	−0".201	79.8	56 65	35° 308
702	8.2	30 35.06	3.4657	0.0328	37 23 15.4	18.508	0.203	80.4	85 327	37 327
703	9.2	30 39.49	3.4970	0.0353	39 30 22.7	18.506	0.204	85.2	336 482 548	39 369
704	8.8	30 51.91	3.4886	0.0346	38 53 16.9	18.499	0.205	80.9	353 363	38 302
705	8.9	30 56.96	3.4557	0.0319	36 35 6.9	18.496	0.203	80.8	338 339	36 291
706	8.9	1 30 57.11	+3.4339	+0.0302	+34 59 11.7	+18.496	−0.201	79.8	49 53	34 285
707	9.0	30 57.12	3.4670	0.0328	37 22 19.9	18.496	0.203	81.8	475 486	37 329
708	9.4	30 58.41	3.4787	0.0338	38 10 47.2	18.495	0.204	81.9	489 495	38 304
709	8.5	31 1.28	3.4868	0.0344	38 43 4.8	18.493	0.205	80.0	103 106	38 305
710	8.0	31 18.91	3.5020	0.0355	39 38 43.3	18.483	0.206	80.6	78 99 492	39 370
711	9.2	1 31 25.79	+3.4802	+0.0337	+38 9 7.9	+18.480	−0.205	80.9	353 363	38 307
712	8.3	31 26.75	3.5100	0.0361	40 7 26.5	18.479	0.206	86.4 88.6	62 601 605δ	40 337
713	7.9	31 29.37	3.4785	0.0336	38 0 52.1	18.477	0.205	81.8	480 484	37 335
714	8.9	31 29.66	3.4546	0.0316	36 20 44.4	18.477	0.204	86.4	56 65 568 576	36 294
715	9.2	31 37.49	3.4915	0.0346	38 51 30.6	18.473	0.206	80.0	103 106	38 309
716	9.1	1 31 38.71	+3.4770	+0.0334	+37 52 18.6	+18.472	−0.206	81.9	489 495	37 336
717	9.1	31 48.18	3.4911	0.0345	38 46 32.2	18.467	0.207	81.9	489 495	38 312
718	7.0	31 54.27	3.4502	0.0312	35 54 26.8	18.463	0.204	79.8	56 65	35 314
719	8.7	31 58.11	3.4540	0.0315	36 9 57.9	18.461	0.204	80.8	338 339	36 296
720	9.1[1]	31 59.21	3.4860	0.0340	38 22 49.8	18.461	0.207	85.2	336 482 548	38 313
721	8.5	1 31 59.76	+3.4515	+0.0313	+35 58 44.6	+18.460	−0.204	86.4 87.3	49[2] 53 568 576	35 315
722	8.3	31 59.94	3.4792	0.0335	37 55 4.6	18.460	0.206	81.7	475 486	37 337
723	9.1	32 4.85	3.5055	0.0356	39 38 51.6	18.457	0.208	89.2 90.2	62 601 605δ M 320	39 372
724	8.5	32 10.57	3.4841	0.0338	38 12 18.2	18.454	0.207	81.7	475 486	38 314
725	8.7	32 16.06	3.4537	0.0314	36 3 37.9	18.451	0.205	80.4	85 327	35 316
726	8.7	1 32 17.24	+3.5111	+0.0359	+39 56 54.0	+18.450	−0.208	80.6	78 99 492	39 373
727	8.7[3]	32 17.84	3.4921	0.0344	38 42 25.7	18.450	0.207	80.9	353 363	38 315
728	8.0	32 23.79	3.4474	0.0309	35 34 17.0	18.446	0.205	80.8	338 339	35 317
729	8.3	32 27.24	3.4480	0.0309	35 35 53.5	18.444	0.205	79.8	56 65	35 318
730	9.0	32 36.26	3.5039	0.0353	39 23 27.2	18.439	0.209	85.6	5 Beob.[4]	39 375
731	6.8	1 32 42.95	+3.5146	+0.0361	+40 2 57.3	+18.435	−0.210	80.7	62 475	39 376
732	7.7[5]	32 45.06	3.4885	0.0340	38 20 6.2	18.434	0.208	85.2	336 482 548	38 316
733	6.8	32 56.97	3.4987	0.0348	38 57 12.2	18.427	0.210	81.9	489 495	38 317
734	9.0	32 59.32	3.4859	0.0337	38 5 39.7	18.426	0.209	80.9	353 363	37 340
735	8.9	33 8.65	3.4929	0.0342	38 30 56.0	18.421	0.210	85.2	336 482 548	38 318
736	5.1	1 33 12.49	+3.5151	+0.0360	+39 56 34.7	+18.419	−0.210	84.7 85.7	17 Beob.[6]	39 378
737	9.2	33 15.87	3.5057	0.0352	39 19 26.8	18.416	0.211	80.0	103 106	39 379
738	8.8	33 26.57	3.4514	0.0309	35 34 25.5	18.410	0.207	86.4	49 53 568 576	35 319
739	8.3	33 32.33	3.4859	0.0336	37 56 2.5	18.407	0.210	80.6	78 99 492	37 342
740	7.8	33 42.39	3.4821	0.0332	37 37 55.0	18.401	0.210	80.0	103 106	37 344
741	8.8	1 33 45.12	+3.4460	+0.0305	+35 6 12.1	+18.400	−0.207	79.8	49 53	35 320
742	9.0	33 57.25	3.4804	0.0330	37 27 4.7	18.393	0.210	80.4	85 327	37 345
743	8.8	33 57.92	3.4851	0.0334	37 45 44.5	18.392	0.210	80.8	338 339	37 346
744	9.3	34 1.27	3.5194	0.0361	39 58 55.5	18.390	0.212	79.9	62 74	39 381
745	7.8	34 22.65	3.4600	0.0313	35 55 35.1	18.378	0.210	79.8	49 53 56 65	35 324
746	8.7	1 34 25.63	+3.4842	+0.0332	+37 34 30.8	+18.376	−0.211	80.4	85 M 140	37 348
747	8.6	34 26.82	3.4604	0.0313	35 56 20.3	18.375	0.210	93.9	568 576; M 320 322	35 325
748	8.3	34 29.72	3.5035	0.0347	38 50 5.2	18.374	0.213	83.7	78 99 492 548	38 323
749	9.1	34 38.40	3.5116	0.0353	39 18 42.1	18.368	0.214	79.9	62 74	39 382
750	7.9	34 47.06	3.5039	0.0346	38 46 46.8	18.363	0.214	81.3	336 482	38 326

[1] Dpl. praec. [2] δ Gew. ½ [3] 8.0 9.3, BD 9.3 [4] Z. 78 99 492 568 576 [5] Dpl. 2" med.
[6] M 50 53 54 55 56 57 59 216 218 219 260 261δ 262δ 263 264 265 267

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
751	8.4	1h 34m 52s.57	+3s.5029	+0s.0345	+38° 41′ 12″.6	+18″.360	−0″.214	80.9	353 363	38° 327
752	6.8	35 14.51	3.5211	0.0358	39 44 43.5	18.347	0.215	80.0	103 106	39 384
753	7.0	35 21.65	3.4926	0.0336	37 53 2.9	18.343	0.214	80.8	338 339	37 351
754	8.5	35 29.67	3.5183	0.0355	39 30 11.0	18.338	0.215	80.0	103 106	39 385
755	8.6	35 36.23	3.5143	0.0352	39 13 1.8	18.335	0.216	79.9	62 74	39 386
756	9.0	1 35 40.38	+3.5168	+0.0353	+39 21 28.8	+18.332	−0.216	80.6	78 99 492	39 387
757	9.0	35 43.37	3.5060	0.0345	38 39 0.5	18.330	0.215	80.9	353 363	38 331
758	9.4	35 50.13	3.4984	0.0339	38 8 3.7	18.326	0.215	85.2	336 482 548	38 332
759	8.6	36 1.80	3.4555	0.0306	35 9 48.9	18.319	0.212	79.8	49 53	35 331
760	9.3	36 14.83	3.5114	0.0348	38 51 11.1	18.312	0.217	80.0	103 106	38 334
761	9.1	1 36 18.51	+3.5154	+0.0351	+39 5 36.4	+18.310	−0.217	80.6	78 99 492	38 335
762	8.9	36 26.02	3.4756	0.0320	36 27 4.4	18.305	0.215	93.0	568 576	36 302
763	9.4	36 29.19	3.5117	0.0347	38 48 38.5	18.303	0.217	83.6 85.2	336 482 548[1]	38 336
764	7.6	36 49.47	3.4988	0.0336	37 53 30.1	18.291	0.217	80.8	338 339	37 356
765	6.6	37 4.71	3.4869	0.0326	37 2 20.0	18.282	0.217	79.8	49 53	36 305
766	8.0	1 37 7.27	+3.5227	+0.0354	+39 19 45.1	+18.280	−0.219	79.9	62 74	39 393
767	9.2	37 11.81	3.5132	0.0347	38 42 58.1	18.278	0.219	80.6	78 99 492	38 340
768	7.0	37 21.67	3.4772	0.0318	36 18 35.7	18.272	0.216	79.8	56 65	36 306
769	8.7	37 23.89	3.4999	0.0336	37 48 25.7	18.270	0.218	79.9	62 74	37 360
770	7.5	38 5.50	3.4620	0.0306	35 5 1.5	18.245	0.217	79.8	49 53	34 304
771	8.9	1 38 18.85	+3.4841	+0.0321	+36 31 36.7	+18.237	−0.219	86.4	56 65 568 576	36 308
772	9.3	38 20.15	3.4950	0.0330	37 14 4.7	18.236	0.220	80.4	85 327	37 361
773	9.5	38 20.19	3.5393	0.0363	40 1 15.8	18.236	0.222	85.2	336 482 548	39 396
774	9.1	38 32.62	3.5020	0.0334	37 38 30.0	18.229	0.220	80.8	338 339	37 362
775	7.9	38 39.43	3.5238	0.0350	38 59 3.1	18.225	0.222	80.0	103 106	38 342
776	8.2	1 38 39.62	+3.4711	+0.0311	+35 33 40.8	+18.224	−0.219	79.8	49 53	35 338
777	8.9	38 44.18	3.4736	0.0313	35 42 39.1	18.222	0.219	86.4	56 65 568 576	35 339
778	8.5	38 47.74	3.5248	0.0351	39 0 36.5	18.220	0.222	85.2	336 482 548	38 343
779	9.0	38 58.51	3.5333	0.0357	39 29 3.7	18.213	0.223	79.9	62 74	39 397
780	8.9	39 13.58	3.5418	0.0363	39 56 2.7	18.204	0.224	80.6	78 99 492	39 398
781	9.0	1 39 18.17	+3.4962	+0.0327	+37 3 55.6	+18.201	−0.221	80.4	85 327	36 311
782	8.9	39 21.53	3.5158	0.0342	38 18 4.0	18.199	0.223	80.0	103 106	38 347
783	8.0	39 28.87	3.5135	0.0340	38 7 22.1	18.194	0.223	85.2	336 482 548	38 349
784	8.9	40 17.68	3.5395	0.0358	39 30 37.5	18.164	0.226	80.6	62 74 492	39 402
785	8.4	40 30.58	3.5402	0.0358	39 29 51.2	18.156	0.227	79.9	78 99	39 404
786	8.9	1 40 32.02	+3.4992	+0.0327	+36 56 35.9	+18.156	−0.224	79.8	49 53	36 313
787	9.0	40 32.49	3.5030	0.0329	37 10 47.6	18.155	0.224	79.8	56 65	37 366
788	9.3	40 45.16	3.4988	0.0326	36 51 23.7	18.147	0.225	80.4	85 327	36 314
789	9.0	40 56.28	3.5424	0.0358	39 31 8.7	18.141	0.228	80.9	78 492	39 405
790	8.5	41 1.78	3.5170	0.0339	37 56 24.5	18.137	0.227	80.0	103 106	37 369
791	8.9	1 41 6.61	+3.4859	+0.0316	+35 55 30.2	+18.134	−0.225	79.8	49 53	35 345
792	8.8	41 15.56	3.5186	0.0339	37 59 16.0	18.129	0.227	88.3	5 Beob.[2]	37 371
793	*6.0	41 16.73	3.5083	0.0332	37 19 46.2	18.128	0.227	80.1	M 53 54 55 56	37 372
794	9.0	41 20.60	3.5171	0.0338	37 51 56.8	18.125	0.227	85.2	336 482 548	37 374
795	8.7	41 23.18	3.4760	0.0308	35 12 2.7	18.124	0.225	84.2 86.4	56 65 601 605δ	35 347
796	9.3	1 41 24.23	+3.5546	+0.0366	+40 7 13.5	+18.123	−0.230	79.8	62 74	40 375
797	9.3	41 41.24[3]	3.5575	0.0367	40 12 38.2	18.112	0.231	79.9 84.2	62 74 576	— —
798	8.7	41 41.74	3.5483	0.0361	39 40 23.3	18.112	0.230	80.6	78 99 492	39 408
799	9.1	41 44.28	3.5574	0.0367	40 11 48.3	18.111	0.231	93.9	568 M 320	40 377
800	8.4	41 53.69	3.5350	0.0350	38 49 43.0	18.105	0.229	80.0	103 106	38 355

[1] *a* Gew. ½ [2] Z. 336 482 548 568 576 [3] Z. 576 [41s.74]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
801	8.2	1h 42m 24s.23	+3s.5043	+0s.0326	+36° 47′ 39″.8	+18″.085	−0″.229	79.8	49 53	36° 320
802	8.6	42 41.45	3.5556	0.0363	39 50 35.8	18.075	0.232	79.9	62 74	39 412
803	8.5	42 42.58	3.5239	0.0339	37 56 21.1	18.074	0.231	80.9	353 363	37 379
804	9.5	42 45.12	3.4965	0.0320	36 12 13.8	18.072	0.229	80.8	338 339	36 322
805	9.1	42 45.70	3.5282	0.0342	38 11 29.6	18.072	0.231	80.0	103 106	38 359
806	9.0	1 42 51.01	+3.5360	+0.0348	+38 38 35.4	+18.069	−0.232	85.2	336 482 548	38 361
807	7.8	43 6.46	3.5213	0.0336	37 41 2.9	18.059	0.231	81.9	489 495	37 382
808	8.4	43 13.75	3.5139	0.0331	37 11 19.4	18.054	0.231	86.4	56 65 568 576	37 383
809	8.6	43 20.78	3.5573	0.0362	39 46 38.9	18.050	0.230	80.6	78 99 492	39 416
810	8.6	43 21.28	3.5168	0.0332	37 20 27.6	18.049	0.231	84.6 86.7	85 327 601 605δ	37 385
811	7.8	1 43 26.48	+3.4871	+0.0311	+35 25 50.6	+18.046	−0.230	79.8	49 53	35 349
812	7.0	43 34.88	3.4845	0.0309	35 13 26.3	18.041	0.230	79.8	56 65	35 350
813	8.9	43 36.38	3.5353	0.0345	38 24 36.7	18.040	0.233	80.7 80.9	78[1] 99(½) 492	[38 364]
814	7.5	43 39.85	3.5115	0.0328	36 56 0.0	18.038	0.232	81.9	489 495	36 326
815	8.8	43 41.59	3.5152	0.0330	37 9 20.1	18.036	0.232	80.9	353 363	37 386
816	7.5	1 43 46.86	+3.5195	+0.0333	+37 24 11.8	+18.033	−0.232	81.7	475 486	37 387
817	7.7	43 53.36	3.5332	0.0343	38 12 54.0	18.029	0.233	79.8	62 74	38 365
818	9.1	44 0.84	3.5005	0.0319	36 9 17.1	18.024	0.232	80.8	338 339	36 327
819	8.7	44 5.75	3.4854	0.0308	35 9 26.7	18.021	0.231	86.7	85 327 568 576	35 353
820	8.8	44 8.35	3.5140	0.0329	36 58 26.0	18.019	0.233	80.9	353 363	36 328
821	9.5	1 44 13.04[2]	+3.5132	+0.0328	+36 54 9.4[2]	+18.016	−0.233	90.7 91.0	8 Beob.[2]	36 329
822	8.7	44 17.96	3.5400	0.0347	38 31 15.8	18.013	0.235	80.0	103 106	38 366
823	7.4	44 22.15	3.4847	0.0307	35 2 45.7	18.010	0.231	79.8	49 53	34 321
824	8.5	44 23.67	3.5246	0.0336	37 33 54.8	18.010	0.234	85.2	336 482 548	37 389
825	8.8	44 27.01	3.5199	0.0332	37 15 44.3	18.007	0.234	80.9	353 363	37 390
826	9.0	1 44 32.59	+3.4914	+0.0312	+35 26 34.8	+18.004	−0.232	79.8	49 53	35 354
827	8.2	44 47.56	3.5676	0.0366	40 0 14.1	17.994	0.237	86.4	62 74 568 576	39 420
828	8.5	44 56.11	3.5669	0.0365	39 55 42.9	17.989	0.238	80.6	78 99 492	39 421
829	7.5	45 0.79	3.5149	0.0327	36 48 52.6	17.986	0.234	79.8	56 65	36 332
830	8.9	45 1.26	3.5270	0.0336	37 33 20.4	17.985	0.235	80.0	103 106	37 394
831	8.0	1 45 8.08	+3.5243	+0.0333	+37 21 49.4	+17.981	−0.235	80.4	85 327	37 395
832	9.2	45 33.75	3.5316	0.0337	37 42 19.8	17.964	0.237	85.2	336 482 548	37 397
833	9.0	45 41.34	3.5127	0.0324	36 30 59.5	17.959	0.236	80.4	85 327	36 336
834	9.1	45 42.39	3.5142	0.0325	36 36 19.4	17.959	0.236	79.8	56 65	36 337
835	5.8	45 47.87	3.5739	0.0368	40 6 42.5	17.955	0.240	87.3 88.0	15 Beob.[3]	40 394
836	8.3	1 45 48.35	+3.5641	+0.0360	+39 33 12.3	+17.955	−0.239	79.8	62 74	39 424
837	7.8[4]	45 48.73	3.5162	0.0326	36 42 17.7	17.954	0.236	79.8	49 53	36 338
838	8.5	45 51.32	3.5252	0.0332	37 14 29.9	17.953	0.237	80.8	338 339	37 398
839	9.0	45 59.85	3.5240	0.0331	37 8 14.8	17.947	0.237	81.9	489 495	37 400
840	7.7	46 10.41	3.5606	0.0357	39 15 53.1	17.940	0.240	80.6	78 99 492	39 427
841	8.7	1 46 32.74	+3.5439	+0.0344	+38 11 59.6	+17.926	−0.240	93.0	568 576	38 372
842	9.1	46 36.94	3.5468	0.0346	38 21 20.9	17.923	0.240	84.9 87.0	353 363 601 605δ	38 373
843	8.9	46 49.78	3.5080	0.0318	35 56 50.3	17.915	0.238	79.8	49 53	35 364
844	9.0	46 50.47	3.5779	0.0368	40 4 52.3	17.914	0.242	79.9	62 74	39 430
845	8.7	46 54.86	3.5032	0.0314	35 37 51.0	17.911	0.238	79.8	56 65	35 365
846	9.4	1 47 5.19	+3.5196	+0.0325	+36 36 32.9	+17.905	−0.239	80.8	338 339	36 343
847	7.3	47 7.78	3.5785	0.0367	40 2 24.5	17.903	0.243	80.6	78 99 492	39 431
848	8.2	47 10.10	3.5720	0.0362	39 40 14.8	17.901	0.243	80.0	103 106	39 432
849	7.4	47 14.02	3.5664	0.0358	39 20 0.3	17.899	0.242	85.2	336 482 548	39 433
850	8.7	47 15.02	3.5363	0.0336	37 34 49.4	17.898	0.240	85.5 87.4	475 456 601 605δ[5]	37 404

[1] δ Gew. ½ [2] Z. 338 339 [601(13s.66 13s.4)] 605δ; M 320 322; R(2) [3] Z. 480 568 576 601 605δ; M 56 57 213 218 219 262 263 264 265δ 267 [4] Dpl. 4″; Z. 49 bor. pr., Z. 53 med. [5] Dpl. bor. pr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
851	8.7	1ʰ 47ᵐ 16ˢ.53	+3ˢ.5168	+0ˢ.0323	+36° 23′ 23″.5	+17″.897	−0″.239	84.6	85 327 601	36° 344
852	8.6	47 17.28	3.5336	0.0334	37 24 27.7	17.897	0.240	81.9	489 495	37 405
853	6.8	47 22.88	3.5804	0.0368	40 5 18.6	17.894	0.244	79.9	62 74	39 434
854	8.1	47 28.01	3.5387	0.0338	37 40 11.0	17.890	0.241	80.0	103 106	37 406
855	8.9	47 32.98	3.5250	0.0328	36 49 40.1	17.886	0.240	80.8	338 339	36 345
856	6.3	1 47 34.80	+3.5200	+0.0324	+36 30 47.2	+17.885	−0.240	81.8	480 484	36 346
857	8.8	47 41.03	3.4962	0.0308	35 0 18.9	17.881	0.239	79.8	49 53	[34 329]
858	8.7	47 51.16	3.5328	0.0332	37 13 38.5	17.874	0.241	80.9	353 363	37 407
859	8.8	47 51.78	3.4964	0.0307	34 58 32.5	17.874	0.239	93.0	M 262 263	34 330
860	8.4	47 55.00	3.5031	0.0312	35 23 13.8	17.872	0.240	86.4	56 65; M 262 263	35 372
861	8.9	1 47 57.37	+3.5783	+0.0365	+39 49 52.1	+17.870	−0.245	85.6	5 Beob. [1]	39 436
862	8.9	48 3.10	3.5363	0.0334	37 23 3.5	17.866	0.242	81.9	489 495	37 409
863	8.3	48 14.88	3.5351	0.0333	37 16 1.6	17.859	0.242	80.9	353 363	37 412
864	8.8	48 18.41	3.5311	0.0330	37 1 3.9	17.856	0.242	80.8	338 339	36 350
865	8.4	48 20.75	3.5101	0.0316	35 43 25.0	17.855	0.241	80.4	85 327	35 374
866	9.0	1 48 24.53	+3.5517	+0.0344	+38 12 39.0	+17.852	−0.244	87.1 88.3	5 Beob. [2]	38 379
867	8.1	48 30.32	3.5358	0.0333	37 15 10.1	17.848	0.243	81.7	475 486	37 415
868	6.0	48 31.14	3.5261	0.0326	36 39 49.0	17.848	0.242	84.9	6 Beob. [3]	36 354
869	8.8	48 40.88	3.5721	0.0358	39 18 31.4	17.841	0.246	80.6	78 99 492	39 438
870	6.1	48 44.39	3.5265	0.0326	36 38 15.2	17.839	0.243	91.7 93.2	12 Beob. [4]	36 355
871	8.6	1 48 45.51	+3.5090	+0.0314	+35 33 39.6	+17.838	−0.242	79.8	56 65	35 376
872	8.9[5]	48 49.37	3.5072	0.0313	35 25 58.7	17.836	0.242	80.4	85 327	35 377
873	9.0	48 49.87	3.5748	0.0359	39 25 27.6	17.835	0.246	80.0	103 106	39 439
874	9.3	48 52.16	3.5593	0.0348	38 32 19.7	17.834	0.245	88.3	5 Beob. [6]	38 380
875	8.5	48 53.95	3.5391	0.0334	37 21 12.4	17.833	0.244	81.9	489 495	37 418
876	8.7	1 48 57.50	+3.5332	+0.0330	+36 59 21.3	+17.830	−0.243	80.9	353 363	36 358
877	8.4	49 19.00	3.5026	0.0308	35 2 1.8	17.816	0.242	79.8	49 53	34 338
878	8.8	49 24.45	3.5421	0.0335	37 24 36.8	17.812	0.245	81.8	475 486 489 495	37 421
879	8.7	49 25.08	3.5423	0.0335	37 25 13.0	17.812	0.245	93.0	568 576	37 422
880	8.3	49 34.99	3.5272	0.0324	36 29 1.5	17.805	0.244	79.8	56 65	36 362
881	9.0	1 49 37.40	+3.5448	+0.0336	+37 31 18.7	+17.804	−0.246	81.8	480 484	37 424
882	8.7	49 43.99	3.5919	0.0369	40 8 55.3	17.799	0.249	82.9	6 Beob. [7]	40 406
883	9.0	49 46.73	3.5430	0.0335	37 22 42.6	17.797	0.246	81.7	475 486	37 425
884	8.9	49 56.83	3.5873	0.0365	39 51 7.9	17.791	0.249	80.0	103 106	39 442
885	8.8	50 12.61	3.5391	0.0331	37 2 57.1	17.780	0.247	80.8	338 339	36 368
886	9.2	1 50 12.77	+3.5362	+0.0329	+36 52 46.8	+17.780	−0.246	80.4	85 327	36 367
887	8.9	50 13.10	3.5673	0.0351	38 40 36.6	17.780	0.248	81.9	489 491	38 381
888	8.6	50 13.77	3.5410	0.0332	37 9 32.7	17.779	0.247	80.9	353 363	37 432
889	8.8	50 15.18	3.5086	0.0310	35 11 44.1	17.778	0.245	79.8	49 53	35 379
890	8.5	50 16.98	3.5244	0.0321	36 9 31.5	17.777	0.246	81.8	480 484	36 369
891	7.0	1 50 17.58	+3.5396	+0.0331	+37 3 32.6	+17.777	−0.247	80.8	338 339	36 370
892	8.8	50 20.56	3.5498	0.0338	37 38 33.8	17.775	0.247	81.7	475 486	37 436
893	7.4	50 21.96	3.5946	0.0369	40 9 7.6	17.774	0.251	80.6	78 99 492	40 408
894	8.0	50 22.17	3.5532	0.0340	37 50 5.4	17.773	0.248	81.8	480 484	37 437
895	8.9	50 25.44	3.5960	0.0370	40 12 42.4	17.771	0.251	79.8	62 74	40 410
896	8.5	1 50 35.06	+3.5794	+0.0358	+39 15 56.8	+17.765	−0.250	80.0	103 106	39 444
897	9.1	50 46.39	3.5836	0.0360	39 27 22.1	17.757	0.251	79.8	62 74	39 445
898	8.6	50 46.50	3.5952	0.0369	40 5 2.0	17.757	0.251	85.2	336 482 548	39 446
899	8.9	50 50.32	3.5667	0.0348	38 29 51.8	17.754	0.250	87.0	353 363 568 576	38 382
900	8.7	50 52.22	3.5927	0.0367	39 55 39.6	17.753	0.252	81.7	475 486	39 447

[1] Z. 78 99(½) 492 568 576 [2] Z. 336 482 548 601 605δ [3] Z. 480 484; M 53 54 262 263
[4] Z. 601 605δ; M 55 262 263 264 265δ 267 268 269 270 271 [5] Dpl. praec.; Z. 85: 8.7 8.8 8ᵛ
[6] Z. 336 482 548 568 576 [7] Z. 78 99 336 482 492 548

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
901	8.7	1^h 50^m $53^s.40$	+3.5442	+0.0333	+37° 11′ 35.1	+17.752	−0.248	81.9	489 495	37° 440
902	8.7	50 55.80	3.5778	0.0356	39 5 43.5	17.751	0.251	85.5 87.4	480 484 601 605δ	38 383
903	8.9	51 4.00	3.5459	0.0333	37 15 0.9	17.745	0.249	81.9	489 495	37 441
904	9.0	51 4.54	3.5151	0.0313	35 24 46.3	17.745	0.247	79.8	49 53	35 380
905	7.8	51 8.86	3.5191	0.0315	35 38 28.3	17.742	0.247	79.8	56 65	35 381
906	8.9	1 51 9.06	+3.5572	+0.0341	+37 53 14.8	+17.742	−0.250	80.9	353 363	37 443
907	9.1	51 11.19	3.5445	0.0332	37 8 35.0	17.740	0.249	80.8	338 339	37 444
908	6.9	51 23.11	3.5259	0.0319	35 59 36.1	17.732	0.248	80.4	85 327	35 382
909	8.6	51 23.15	3.5601	0.0343	37 59 46.0	17.732	0.250	80.0	103 106	37 447
910	8.0	51 26.19	3.5443	0.0332	37 4 32.1	17.730	0.249	79.8	56 65	36 378
911	8.2	1 51 26.97	+3.5466	+0.0333	+37 12 22.3	+17.729	−0.249	81.8	480 484	37 448
912	7.7	51 33.78	3.5355	0.0325	36 31 42.4	17.725	0.249	79.8	49 53	36 380
913	9.0	51 45.35	3.5561	0.0339	37 40 54.8	17.717	0.251	85.2	336 482 548	37 449
914	8.8	51 47.06	3.5704	0.0349	38 29 18.7	17.716	0.252	84.1	78 99 492	38 385
915	8.7	51 48.30	3.5515	0.0336	37 24 23.0	17.715	0.251	87.0	353 363 568 576	37 450
916	7.9	1 52 6.07	+3.5985	+0.0367	+39 57 20.5	+17.703	−0.254	79.8	62 74	39 448
917	8.2	52 33.36	3.5324	0.0321	36 7 19.2	17.684	0.251	80.4	85 327	36 383
918	6.8	52 49.30	3.5657	0.0343	37 59 24.1	17.673	0.253	80.9	353 363	37 452
919	8.3	52 49.85	3.5489	0.0331	37 1 35.1	17.673	0.252	80.8	338 339	36 384
920	8.4	52 53.52	3.5829	0.0354	38 55 45.4	17.670	0.255	80.0	103 106	38 389
921	7.8	1 52 55.63	+3.5261	+0.0316	+35 39 54.8	+17.669	−0.251	79.8	49 53	35 385
922	8.2	52 58.84	3.5912	0.0360	39 21 35.2	17.666	0.256	80.6	78 99 492	39 450
923	9.1	53 0.08	3.5369	0.0323	36 17 25.4	17.666	0.252	80.4	85 327	36 386
924	9.1	53 1.18	3.5698	0.0345	38 10 17.5	17.665	0.254	88.3	5 Beob.[1]	38 390
925	9.3	53 2.15	3.6058	0.0370	40 7 39.3	17.664	0.257	79.8	62 74	40 419
926	8.4	1 53 9.52	+3.5189	+0.0311	+35 10 54.7	+17.659	−0.251	79.8	56 65	35 386
927	8.1	53 17.11	3.5862	0.0356	39 1 10.4	17.654	0.256	87.5 89.3	492 601 605δ	38 392
928	8.7	53 18.60	3.5860	0.0355	39 0 2.3	17.653	0.256	80.0	78 99 103 106	38 391
929	7.7	53 27.61	3.5699	0.0344	38 4 39.9	17.646	0.255	88.3	5 Beob.[2]	37 455
930	9.2	53 52.62	3.5710	0.0344	38 2 37.9	17.629	0.256	83.9	336 482 548	37 459
931	8.5	1 54 14.71	+3.6098	+0.0369	+40 3 43.5	+17.614	−0.259	79.8	62 74	39 454
932	9.2	54 24.02	3.5570	0.0333	37 8 37.8	17.607	0.256	79.2	56 65	37 462
933	9.3	54 28.13	3.5555	0.0332	37 2 36.0	17.604	0.256	79.8	49 53	36 390
934	8.7	54 30.64	3.5821	0.0350	38 30 56.2	17.603	0.258	80.3	5 Beob.[3]	38 393
935	9.4	54 32.09	3.5325	0.0317	35 41 25.8	17.602	0.254	86.4 87.7	5 Beob.[4]	35 393
936	7.5	1 54 46.42	+3.5406	+0.0321	+36 6 49.8	+17.592	−0.255	79.8	56 65	36 391
937	8.8	54 48.40	3.5743	0.0343	38 1 22.0	17.590	0.258	86.5 88.7	103 601 605δ	37 464
938	9.2	54 50.95	3.5412	0.0322	36 8 7.8	17.588	0.256	86.7	85 327 568 576	36 392
939	9.0	54 52.42	3.5521	0.0329	36 45 22.9	17.587	0.257	80.8	338 339	36 393
940	8.6	55 3.79	3.5552	0.0330	36 53 41.8	17.580	0.257	81.7	475 486	36 394
941	8.4	1 55 8.62	+3.5741	+0.0342	+37 56 24.1	+17.576	−0.259	83.9	336 482 548	37 465
942	9.0	55 35.29	3.5709	0.0339	37 39 50.1	17.557	0.259	80.9	353 363	37 467
943	9.1	55 36.78	3.5779	0.0344	38 2 35.1	17.556	0.260	81.9	489 495	37 468
944	8.8	55 43.32	3.5653	0.0335	37 19 15.6	17.552	0.259	81.7	475 486	37 469
945	8.5	55 45.05	3.5602	0.0332	37 1 36.9	17.550	0.259	80.4	85 327	36 397
946	7.1	1 55 45.42	+3.5338	+0.0315	+35 30 26.0	+17.550	−0.257	79.8	56 65	35 396
947	9.4	56 1.55	3.5852	0.0348	38 21 4.3	17.539	0.261	80.6	78 99 492	38 397
948	9.3	56 6.14	3.5690	0.0337	37 26 39.0	17.536	0.260	80.9	353 363	37 471
949	8.5	56 9.76	3.6149	0.0367	39 54 6.4	17.533	0.264	86.5	62 74 568 576	39 456
950	8.9	56 14.92	3.6067	0.0362	39 27 14.0	17.529	0.263	80.0	103 106	39 457

[1] Z. 336 482 548 568 576 [2] Z. 336 482 548 568 576 [3] Z. 62 74 78 99 492 [4] Z. 49 53 601 605δ; M320

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
951	9.6	1h 56m 19s.47	+3s.5539	+0s.0326	+36° 32' 56".5	+17".526	−0".260	90.6	5 Beob. [1]	36° 398
952	7.0	56 24.39	3.5274	0.0309	34 59 21.3	17.523	0.258	79.8	49 53	34 363
953	9.3	56 40.67	3.6095	0.0362	39 30 24.9	17.511	0.264	80.6	78 99 492	39 458
954	8.7	56 40.72	3.5944	0.0352	38 42 17.9	17.511	0.263	80.0	103 106	38 399
955	8.5	56 47.70	3.5967	0.0353	38 48 6.6	17.506	0.263	81.9	489 495	38 401
956	8.5	1 56 49.21	+3.5919	+0.0350	+38 32 17.1	+17.505	−0.263	81.7	475 486	38 400
957	9.4	56 57.63	3.5710	0.0336	37 22 6.4	17.499	0.262	80.5	56 338 339	37 473
958	8.5	57 7.43	3.6230	0.0370	40 6 15.0	17.492	0.266	83.9	336 482 548	40 430
959	7.9	57 13.24	3.5990	0.0354	38 50 2.2	17.488	0.264	81.7	475 486	38 402
960	8.7	57 14.12	3.5827	0.0343	37 57 1.7	17.487	0.263	80.9	353 363	37 476
961	9.4	1 57 14.73	+3.6193	+0.0367	+39 53 15.0	+17.487	−0.266	79.8	62 74	39 459
962	9.0	57 25.52	3.6217	0.0369	39 58 34.8	17.479	0.267	80.6	78 99 492	39 460
963	9.4	57 26.59	3.6207	0.0368	39 55 5.0	17.478	0.267	83.9 85.2	336 482 548[2]	39 461
964	8.4	57 37.90	3.5492	0.0320	36 0 9.9	17.470	0.262	79.8	49 53	35 399
965	8.6	57 38.40	3.5489	0.0320	35 58 53.1	17.470	0.262	79.8	49 53	35 400
966	9.0	1 57 40.27	+3.6001	+0.0353	+38 47 43.9	+17.469	−0.265	81.9	489 495	38 403
967	9.4	57 43.65	3.6152	0.0363	39 34 25.8	17.466	0.267	86.4	62 74 568 576	39 462
968	8.2	57 53.03	3.5520	0.0322	36 6 26.2	17.459	0.262	80.4	85 327	36 400
969	8.6	58 1.41	3.5582	0.0325	36 25 47.7	17.453	0.263	80.8	338 339	36 401
970	8.6	58 4.76	3.6099	0.0359	39 13 11.4	17.451	0.267	80.0	103 106	39 463
971	9.1	1 58 12.57	+3.5576	+0.0324	+36 21 27.8	+17.446	−0.263	80.8	338 339	36 402
972	7.6	58 12.93	3.6093	0.0359	39 9 37.8	17.445	0.267	84.9 85.6	5 Beob. [3]	39 464
973	8.3	58 16.82	3.5768	0.0337	37 24 27.3	17.442	0.265	80.4	85 327	37 478
974	8.9	58 17.51	3.6122	0.0360	39 17 41.0	17.442	0.268	80.9	353 363	39 465
975	9.5	58 23.86	3.6248	0.0368	39 55 10.5	17.437	0.269	87.1 88.3	5 Beob. [4]	39 466
976	9.5	1 58 27.75	+3.5476	+0.0317	+35 43 58.2	+17.434	−0.263	88.6	56(½); M 262 263	35 403
977	9.2	58 39.71	3.5836	0.0340	37 41 39.9	17.426	0.266	80.9	353 363	37 480
978	8.8	58 46.39	3.6024	0.0352	38 40 43.9	17.421	0.268	86.5	103 106; M 262 263	38 406
979	7.8	58 52.64	3.5957	0.0347	38 18 3.2	17.416	0.267	81.9	489 495	38 408
980	8.6	58 59.45	3.6289	0.0369	40 0 0.5	17.412	0.270	79.8	62 74	39 468
981	8.8	1 59 3.23	+3.5578	+0.0323	+36 11 20.8	+17.408	−0.265	79.8	49 53	36 407
982	8.7	59 7.29	3.5625	0.0325	36 26 15.0	17.406	0.266	86.4	56 65 568 576	36 408
983	9.3	59 10.06	3.5962	0.0347	38 15 48.7	17.404	0.268	81.9	489 495	38 409
984	8.1	59 21.76	3.5743	0.0333	37 2 26.8	17.395	0.267	84.2	56 65 612	36 410
985	9.5	59 35.24	3.5831	0.0338	37 28 36.5	17.386	0.268	80.9	353 363	37 482
986	8.9	1 59 39.19	+3.5643	+0.0325	+36 25 47.0	+17.383	−0.267	79.8	49 53	36 412
987	8.9	59 40.76	3.5949	0.0345	38 5 25.5	17.382	0.269	81.9	489 495	37 484
988	9.2	59 53.19	3.6045	0.0351	38 33 12.4	17.373	0.270	80.9	78 336 492	38 410
989	8.6	2 0 1.00	3.6054	0.0351	38 34 18.2	17.367	0.270	83.2	99 103 106 548	38 412
990	9.3	0 3.00	3.6262	0.0364	39 38 15.2	17.365	0.272	86.2	62 74 569 585	39 471
991	8.2	2 0 28.21	+3.5412	+0.0309	+34 57 30.1	+17.347	−0.267	90.3	504 560 594 612	34 376
992	9.2	0 31.49	3.5718	0.0328	36 39 54.1	17.345	0.269	80.8	338 339	36 413
993	8.4	0 34.60	3.6192	0.0359	39 10 9.0	17.342	0.273	80.6	78 99 492	39 472
994	9.0	0 50.13	3.5685	0.0325	36 24 54.7	17.331	0.269	79.9	90 95	36 415
995	8.6	0 51.11	3.6132	0.0354	38 48 6.9	17.330	0.273	81.7	475 486	38 413
996	9.0	2 0 55.15	+3.5643	+0.0322	+36 10 4.8	+17.327	−0.269	94.5 94.2	M 265δ 267; R(2)	36 416
997	5.8	0 57.13	3.5845	0.0335	37 15 53.7	17.326	0.271	85.0	6 Beob. [5]	37 486
998	8.6	1 3.66	3.6356	0.0368	39 53 51.5	17.321	0.275	86.5	103 106 569 585	39 476
999	9.1	1 3.75[6]	3.5641	0.0322	36 7 37.0	17.321	0.269	87.6 89.1	5 Beob. [6]	36 416
1000	9.1	1 12.72	3.6359	0.0368	39 52 42.0	17.314	0.275	80.0	103 106	39 478

[1] Z. 338 568 576; R(2) [2] *a* Gew. ½ [3] Z. 78 99 492 601 605δ [4] Z. 336 482 548 601 605δ
[5] Z. 367 371 380 487; M 262 263 [6] Z. 110 129; M324[*a* 4s.26]; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1001	9.3	2h 1m 14s.30	+3s.6259	+0s.0361	+39° 22' 17".1	+17".313	−0".274	88.3	5 Beob.[1]	39° 477
1002	8.9	1 14.54	3.6232	0.0359	39 13 51.1	17.313	0.274	81.9	489 495	39 479
1003	7.8	1 18.61	3.6141	0.0353	38 45 13.0	17.310	0.274	81.0	374 377	38 416
1004	8.9	1 24.18	3.6127	0.0352	38 39 43.9	17.306	0.274	81.9	489 495	38 417
1005	8.7	1 24.32	3.5988	0.0343	37 56 8.9	17.306	0.273	81.4	349 485	37 488
1006	8.6[2]	2 1 25.02	+3.6432	+0.0372	+40 11 59.2	+17.305	−0.276	84.0 86.4	62 74; M 265δ 267	40 442
1007	8.6	1 27.15	3.6194	0.0356	38 59 53.4	17.304	0.274	81.0	374 377	38 418
1008	9.4[3]	1 28.58	3.6444	0.0373	40 14 52.0	17.303	0.276	85.5 86.5	62 74 594 612[4]	40 443
1009	8.9	1 32.29	3.6387	0.0369	39 57 8.4	17.300	0.276	79.9	78 99	39 480
1010	9.2	1 33.18	3.6359	0.0367	39 48 29.0	17.299	0.276	88.3	5 Beob.[5]	39 481
1011	8.5	2 1 35.69	+3.5474	+0.0311	+35 4 54.6	+17.297	−0.269	89.3 90.4	508 560; M 265δ 267	34 379
1012	8.6	1 57.80	3.5710	0.0324	36 19 22.3	17.281	0.272	85.0	68 504 560	36 418
1013	8.9	2 5.75	3.5686	0.0323	36 9 57.7	17.275	0.272	79.9	90 95	36 419
1014	8.1	2 7.95	3.5753	0.0327	36 31 22.3	17.273	0.272	80.0	110 129	36 420
1015	8.6	2 14.88	3.6365	0.0365	39 41 38.1	17.268	0.277	80.0	103 106	39 483
1016	8.3	2 2 15.56	+3.6413	+0.0368	+39 55 42.8	+17.268	−0.278	80.6	78 99 492	39 484
1017	9.1	2 23.48	3.6244	0.0357	39 3 17.8	17.262	0.276	93.0	569 585	38 421
1018	8.9	2 26.09	3.6055	0.0345	38 4 15.5	17.260	0.275	82.9	7 Beob.[6]	37 490
1019	8.6	2 34.70	3.5709	0.0323	36 11 49.9	17.253	0.273	80.0	110 129	36 421
1020	9.4	2 40.83	3.5528	0.0311	35 10 6.5	17.249	0.272	88.7	95 594 612	35 413
1021	9.1	2 2 50.13	+3.6065	+0.0345	+38 2 27.7	+17.242	−0.276	81.4	371 487	37 492
1022	9.5	2 57.11	3.5917	0.0335	37 14 26.2	17.237	0.275	81.9	489 495	37 493
1023	9.0	3 7.81	3.5899	0.0334	37 6 34.9	17.229	0.275	81.4	349 485	36 426
1024	8.9	3 8.80	3.6339	0.0361	39 22 45.2	17.228	0.279	84.2	62 74 548	39 486
1025	8.8	3 9.29	3.6082	0.0345	38 3 58.8	17.228	0.277	81.4	371 487	37 495
1026	8.9	2 3 11.33	+3.6092	+0.0346	+38 6 43.3	+17.227	−0.277	94.1	594 M 323	38 423
1027	8.3	3 14.32	3.6234	0.0354	38 49 46.9	17.224	0.278	81.9	489 495	38 424
1028	6.1	3 18.17	3.6162	0.0350	38 26 54.1	17.221	0.278	80.0	103 106	38 425
1029	8.7	3 29.43	3.5603	0.0314	35 25 49.4	17.213	0.274	85.0	68 508 560	35 416
1030	9.4	3 31.05	3.6350	0.0361	39 21 30.1	17.212	0.280	81.3	336 482	39 488
1031	9.2	2 3 38.84	+3.5991	+0.0338	+37 29 36.0	+17.206	−0.277	80.0	110 129	37 496
1032	8.7	3 51.05	3.6268	0.0355	38 52 29.2	17.197	0.280	80.6	78 99 492	38 427
1033	8.0	3 55.57	3.5864	0.0330	36 45 42.1	17.193	0.277	79.9	90 95	36 427
1034	9.4	4 1.35	3.6026	0.0339	37 35 58.8	17.189	0.278	89.2	485 569 585	37 500
1035	8.9	4 5.37	3.5574	0.0311	35 8 56.9	17.186	0.275	85.0	68 504 560	35 418
1036	8.7	4 9.81	+3.6534	+0.0371	+40 7 42.0	+17.182	−0.282	79.8	62 74	40 456
1037	9.4	4 21.99	3.6481	0.0367	39 49 47.0	17.173	0.282	85.2	336 482 548	39 491
1038	8.5	4 23.80	3.5809	0.0325	36 22 38.2	17.172	0.277	79.9	90 95	36 428
1039	9.0	4 38.54	3.6543	0.0371	40 4 34.5	17.161	0.283	88.6	74 569 585	39 494
1040	9.6	4 40.38	3.5773	0.0322	36 7 40.9[7]	17.159	0.277	92.5	7 Beob.[7]	36 431
1041	8.5	2 4 45.80	+3.5898	+0.0330	+36 46 40.6	+17.155	−0.279	87.0 88.2	5 Beob.[8]	36 433
1042	9.4	4 58.81	3.5741	0.0320	35 53 32.8	17.146	0.278	81.4	349 485	35 421
1043	7.9	5 2.02	3.6476	0.0365	39 40 4.7	17.143	0.283	80.6	78 99 492	39 495
1044	8.8	5 7.51	3.6355	0.0357	39 3 21.4	17.139	0.283	87.4 89.3	495; M 265δ 267	38 433
1045	8.7	5 8.18	3.5908	0.0329	36 45 18.1	17.139	0.279	80.6	110 129 485	36 434
1046	8.4	2 5 9.97	+3.6206	+0.0348	+38 17 51.3	+17.137	−0.282	81.0	374 377	38 434
1047	7.2	5 14.50	3.6570	0.0371	40 4 57.8	17.134	0.285	84.0 85.2	5 Beob.[9]	39 496
1048	8.4	5 15.38	3.5917	0.0330	36 46 54.5	17.133	0.280	89.0	349 594 612	36 435
1049	8.7	5 21.10	3.6101	0.0341	37 43 20.9	17.129	0.281	81.4	371 487	37 502
1050	9.3	5 27.88	3.6470	0.0364	39 33 22.2	17.124	0.284	85.2	336 482 548	39 497

[1] Z. 336 482 548; M 262 263 [2] Dpl. pr. [3] Z. 62: dpl. pr., 74: dpl. [4] *a* G. ½ [5] Z. 336 482 548 569 585
[6] Z. 336 371 374 377 482 487 548 [7] Z. 487 594 612; M 322[δ 31s.6] 324; R(2) [8] Z. 68 508 560; M 265δ 267
[9] Z. 62 103 106; M 265δ 267

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1051	9.3	2^h 5^m $31^s.80$	$+3^s.5981$	$+0^s.0333$	+37° 3' 46".0	+17".121	−0".281	79.9	90 95	36° 436
1052	7.2	5 32.99	3.6549	0.0369	39 55 21.5	17.120	0.285	80.0	103 106	39 498
1053	9.1	5 39.47	3.5836	0.0324	36 16 21.6	17.115	0.280	80.0	110 129	36 438
1054	9.1	5 40.72	3.6512	0.0366	39 42 52.9	17.114	0.285	80.6	78 99 492	39 499
1055	7.2	5 48.59	3.6618	0.0372	40 12 11.7	17.108	0.286	86.2	62 74 569 585	40 462
1056	8.9	2 6 20.35	+3.6094	+0.0338	+37 29 32.7	+17.084	−0.283	81.4	371 487	37 504
1057	8.3	6 21.95	3.6159	0.0342	37 49 14.8	17.082	0.284	81.4	349 485	37 505
1058	8.7	6 23.35	3.6007	0.0333	37 1 54.8	17.081	0.283	85.0	68 504 560	36 440
1059	8.5	6 33.83	3.6212	0.0345	38 3 10.1	17.073	0.285	89.0	377 594 612	37 506
1060	9.0	6 47.85	3.6448	0.0358	39 10 51.0	17.063	0.286	79.9	62 74	39 501
1061	9.2	2 6 51.13	+3.5962	+0.0329	+36 42 29.6	+17.060	−0.283	86.5 86.7	95; M 265δ 267	36 441
1062	8.8	6 51.64	3.6422	0.0357	39 2 28.1	17.060	0.286	88.3	5 Beob. [1]	38 438
1063	9.5	6 52.88	3.6504	0.0362	39 26 17.8	17.059	0.287	80.6	78 99 492	39 502
1064	8.6	7 3.84	3.6449	0.0358	39 8 5.9	17.050	0.287	80.0	103 106	39 503
1065	9.1	7 13.06	3.6336	0.0351	38 32 46.7	17.043	0.287	81.1	367 380	38 439
1066	9.2	2 7 17.26	+3.6467	+0.0359	+39 10 30.9	+17.040	−0.288	80.9	99 492	39 506
1067	9.3	7 17.53	3.6384	0.0354	38 46 9.0	17.040	0.287	81.9	489 495	38 440
1068	9.2	7 20.91	3.6058	0.0334	37 6 40.2	17.037	0.285	88.5	129 594 612	37 509
1069	8.8	7 31.39	3.6175	0.0340	37 40 29.3	17.029	0.286	81.4	371 487	37 510
1070	8.9	7 35.21	3.6486	0.0359	39 12 35.3	17.026	0.289	79.9	62 74 78	39 507
1071	8.5	2 7 40.63	+3.6176	+0.0340	+37 38 53.3	+17.022	−0.286	81.9	489 495	37 511
1072	7.0	7 42.39	3.6360	0.0351	38 34 6.6	17.021	0.288	81.0	374 377	38 442
1073	8.9	7 51.13	3.5850	0.0320	35 55 20.6	17.014	0.284	87.0 88.2	5 Beob. [2]	35 429
1074	8.8	7 53.41	3.6216	0.0342	37 48 51.0	17.012	0.287	89.0	349 569 585	37 512
1075	8.5	7 58.24	3.6490	0.0359	39 9 20.4	17.008	0.289	80.0	103 106	39 508
1076	8.9	2 8 10.61	+3.5884	+0.0321	+36 2 35.2	+16.999	−0.285	79.9	90 95	35 431
1077	8.6	8 15.27	3.6717	0.0372	40 11 6.8	16.995	0.292	85.2	336 482 548	40 469
1078	7.8	8 22.97	3.5919	0.0323	36 11 16.8	16.989	0.286	80.0	110 129	36 446
1079	8.2	8 32.46	3.6408	0.0352	38 38 30.6	16.982	0.290	80.7	78 99 492	38 443
1080	8.7	8 33.91	3.5909	0.0322	36 5 48.7	16.981	0.286	81.3	371 374 377 487	36 447
1081	8.5	2 8 45.50	+3.6338	+0.0347	+38 15 11.6	+16.972	−0.290	85.2	336 482 548	38 444
1082	9.5	8 51.23	3.5812	0.0316	35 31 47.1	16.967	0.286	87.2	349 485 569 585	35 438
1083	9.2	8 53.46	3.6512	0.0358	39 4 57.2	16.965	0.292	80.0	103 106	38 445
1084	8.5	8 57.19	3.6013	0.0327	36 33 58.3	16.963	0.287	81.1	367 380	36 450
1085	8.4	9 0.05	3.6006	0.0327	36 31 25.1	16.960	0.288	81.0	374 377	36 451
1086	8.9	2 9 2.60	+3.6330	+0.0346	+38 9 28.3	+16.958	−0.290	81.9	489 495	38 447
1087	7.8	9 2.95	3.5695	0.0308	34 51 59.2	16.958	0.285	87.5	504 560	*34 404*
1088	8.8	9 15.18	3.5748	0.0311	35 6 49.6	16.949	0.286	79.9	90 95	35 440
1089	9.3	9 15.54	3.6234	0.0340	37 38 23.8	16.948	0.290	81.9	489 495	37 513
1090	8.6	9 18.52	3.5849	0.0317	35 38 34.6	16.946	0.287	80.0	110 129	35 441
1091	9.3	2 9 19.15	+3.6525	+0.0357	+39 3 41.9	+16.946	−0.292	85.2	336 482 548	38 449
1092	8.2	9 20.69	3.6372	0.0348	38 18 30.7	16.944	0.291	80.0	103 106	38 450
1093	8.7	9 23.69	3.6224	0.0339	37 33 54.9	16.942	0.290	81.0	367 380	37 514
1094	9.1	9 25.00	3.6536	0.0358	39 5 43.9	16.941	0.293	79.9	62 74	39 512
1095	9.0	9 27.90	3.5760	0.0311	35 8 31.3	16.939	0.287	81.4	349 485	35 442
1096	9.4	2 9 32.60	+3.6284	+0.0342	+37 50 5.8	+16.935	−0.291	81.4	371 487	37 515
1097	7.5	9 33.99	3.5805	0.0314	35 21 34.3	16.934	0.287	88.2	5 Beob. [3]	35 443
1098	8.7	9 37.92	3.6103	0.0331	36 54 8.9	16.931	0.290	80.0	110 129	36 453
1099	9.1	9 44.29	3.6172	0.0335	37 14 5.8	16.926	0.290	81.0	374 377	37 516
1100	8.6	9 56.78	3.6796	0.0373	40 13 35.5	16.916	0.295	79.8	62 74	40 473

[1] Z. 336 482 548 569 585 [2] Z. 68 508 560; M 265δ 267 [3] Z. 68 508 560 594 612

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1101	8.4	2h 10m 8s.68	+3s.5912	+0s.0319	+35° 49′ 6″.0	+16″.907	−0″.289	79.9	90 95	35° 447
1102	7.6	10 10.21	3.6751	0.0369	39 58 12.4	16.906	0.296	80.6	78 99 492	39 514
1103	9.3	10 16.69	3.6204	0.0336	37 17 47.1	16.901	0.292	87.1	371 487 569 585	37 517
1104	8.5	10 18.07	3.6248	0.0338	37 30 30.9	16.900	0.292	81.4	349 485	37 518
1105	9.2	10 18.86	3.6272	0.0340	37 37 41.7	16.899	0.292	81.9	489 495	37 519
1106	9.4	2 10 29.16	+3.6097	+0.0329	+36 42 44.6	+16.891	−0.291	80.0	110 129	36 456
1107	8.8	10 31.37	3.6508	0.0353	38 44 58.1	16.889	0.294	85.2	336 482 548	38 453
1108	9.3	10 32.78	3.6652	0.0362	39 25 54.0	16.888	0.296	79.8	62[1] 74	39 515
1109	9.0	10 40.23	3.5965	0.0321	35 59 51.2	16.882	0.290	85.0	68 504 560	35 449
1110	8.1	10 42.63	3.6465	0.0350	38 30 24.0	16.880	0.294	80.0	103 106	38 455
1111	7.8[2]	2 10 54.65	+3.6723	+0.0366	+39 42 0.1	+16.871	−0.297	85.6	5 Beob.[3]	39 517
1112	7.7	11 2.75	3.6073	0.0326	36 29 16.0	16.864	0.292	79.9	90 95	36 458
1113	9.4	11 7.94	3.6758	0.0367	38 49 2.7	16.860	0.297	81.9	489 495	39 518
1114	9.4	11 52.83	3.6223	0.0333	37 5 26.0	16.825	0.295	88.7	95 569 585	36 460
1115	6.6	11 55.89	3.6671	0.0360	39 15 28.4	16.822	0.298	79.9	62 74	39 521
1116	8.3	2 11 57.01	+3.6596	+0.0355	+38 53 55.0	+16.821	−0.298	80.6	78 99 492	38 457
1117	9.0	12 1.66	3.6605	0.0356	38 55 43.1	16.818	0.298	80.0	103 106	38 458
1118	8.7	12 32.13	3.5913	0.0314	35 23 2.8	16.793	0.293	85.0	68 508 560	35 454
1119	9.0	12 33.84	3.6684	0.0359	39 12 8.8	16.792	0.300	85.6	5 Beob.[4]	39 525
1120	9.5	12 35.59	3.5889	0.0312	35 14 52.6	16.791	0.293	87.1	349 485 594 612	35 455
1121	9.4	2 12 43.12	+3.6362	+0.0340	+37 37 24.1	+16.785	−0.297	81.4	371 487	37 531
1122	8.4	12 56.20	3.6847	0.0368	39 53 24.8	16.774	0.302	80.0	103 106	39 526
1123	9.2	12 57.00	3.6908	0.0372	40 10 10.1	16.774	0.302	86.4	62 74 569 585	40 484
1124	7.4	13 2.16	3.6409	0.0341	37 47 39.4	16.769	0.298	81.0	374 377	37 533
1125	9.2	13 2.18	3.6797	0.0365	39 38 23.6	16.769	0.301	81.9	489 495	39 528
1126	8.8	2 13 11.07	+3.6180	+0.0328	+36 38 2.2	+16.762	−0.297	80.0	90 95 129	36 463
1127	7.8	13 26.94[5]	3.6162	0.0326	36 29 47.7	16.750	0.297	89.3 88.2	5 Beob.[5]	36 464
1128	9.5	13 30.05	3.6924	0.0371	40 8 7.4	16.747	0.304	81.4	336 482	40 485
1129	9.3	13 30.39	3.6926	0.0371	40 8 43.0	16.747	0.304	84.2	62 74 548	40 486
1130	8.6[6]	13 39.28	3.6240	0.0330	36 50 55.1	16.740	0.298	79.9	90 95	36 465
1131	9.0	2 13 40.59	+3.5970	+0.0315	+35 28 19.5	+16.739	−0.296	88.2	5 Beob.[7]	35 459
1132	9.5	13 43.23	3.6933	0.0371	40 8 21.8	16.736	0.304	81.8	336 482	40 490
1133	9.5	13 53.82	3.6823	0.0364	39 36 5.6	16.728	0.303	87.4	489 495 569 585	39 530
1134	9.1	13 53.96	3.6944	0.0371	40 9 15.4	16.728	0.304	80.6	78 99 492	40 491
1135	9.2	14 1.61	3.6369	0.0337	37 25 5.6	16.722	0.300	80.4	349 485	37 535
1136	8.4	2 14 2.95	+3.6658	+0.0354	+38 48 17.6	+16.721	−0.302	80.0	103 106[8]	38 465
1137	7.6	14 7.67	3.6479	0.0343	37 56 4.9	16.717	0.301	81.4	371 487	37 536
1138	8.8	14 10.69	3.6712	0.0357	39 1 59.5	16.714	0.303	81.9	489 495	38 466
1139	8.8	14 19.63	3.6222	0.0328	36 38 11.2	16.707	0.299	80.0	110 129	36 466
1140	9.5	14 39.12	3.6784	0.0360	39 16 48.1	16.691	0.305	88.3	5 Beob.[9]	39 532
1141	9.1	2 14 46.52	+3.6497	+0.0343	+37 54 8.4	+16.685	−0.302	81.4	349 485	37 537
1142	7.8	14 46.54	3.6337	0.0333	37 7 35.0	16.685	0.301	79.9	90 95	37 538
1143	9.3	14 53.49	3.6998	0.0372	40 12 52.4	16.680	0.307	79.8	62 74	40 498
1144	8.4	14 56.90	3.6391	0.0336	37 21 29.9	16.677	0.302	80.0	110 129	37 540
1145	8.6	14 57.48	3.6791	0.0360	39 15 34.9	16.677	0.305	80.6	78 99 492	39 533
1146	8.7	2 14 58.04	+3.6952	+0.0369	+39 59 29.8	+16.676	−0.307	80.0	103 106	39 534
1147	6.8	15 38.58	3.6483	0.0340	37 40 54.7	16.643	0.304	80.4	5 Beob.[10]	37 544
1148	8.0	15 42.02	3.6343	0.0332	36 59 23.3	16.640	0.303	80.0	110 129	36 470
1149	7.0	15 57.34	3.5931	0.0308	34 52 14.8	16.628	0.300	85.4	68 504 560	*34 425*
1150	8.2	15 58.17	3.6007	0.0312	35 15 46.4	16.627	0.301	79.9	90 95	35 465

[1] Dpl. maj. [2] Dpl. 12″ seq.; Com. 8m.5 [3] Z. 78 99 492 569 585 [4] Z. 78 99 492 594 612
[5] Z. 68 504 [a 26s.47] 560; M 265δ 267 [6] Dpl. 3″ med. [7] Z. 68 508 560 594 612; Z. 560 bor. seq., 9m.3 3″
[8] Dpl. 1s.5 seq. [9] Z. 336 482 548 569 585 [10] Z. 78 99 103 106 492

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1151	8.7	2ʰ 16ᵐ 6ˢ.10	+3ˢ.6265	+0ˢ.0326	+36° 31′ 57″.7	+16″.621	−0″.303	81.4	349 485	36° 473
1152	9.4	16 18.11	3.6420	0.0335	37 15 22.5	16.611	0.305	81.4	371 487	37 545
1153	7.9	16 23.84	3.6907	0.0363	39 31 40.1	16.606	0.309	79.4	62 74	39 537
1154	7.4	16 28.63	3.6747	0.0352	38 46 36.6	16.602	0.308	80.0	103 106	38 472
1155	7.9	16 33.18	3.6855	0.0359	39 15 37.5	16.599	0.309	80.6	78 99 492	39 538
1156	9.1	2 16 50.94	+3.6656	+0.0347	+38 16 59.9	+16.584	−0.308	79.8	62 74	38 474
1157	8.9	16 59.23	3.6138	0.0317	35 44 37.4	16.577	0.304	85.0	68 508 560	35 467
1158	9.4	16 59.42	3.6442	0.0334	37 14 33.9	16.577	0.306	81.4	349 485	37 547
1159	9.1	17 9.48	3.6425	0.0333	37 7 47.6	16.569	0.306	80.1	110 129	37 549
1160	8.9	17 10.07	3.6445	0.0334	37 13 23.4	16.568	0.307	79.9	90 95	37 548
1161	8.7	2 17 37.92	+3.6401	+0.0332	+36 55 41.0	+16.545	−0.307	81.4	371 487	36 477
1162	7.4	17 39.04	3.6324	0.0326	36 33 7.8	16.545	0.306	79.9	90 95	36 478
1163	9.4	17 43.44	3.6031	0.0310	35 4 40.8	16.541	0.304	81.4	349 485	34 429
1164	8.9	17 48.00	3.6370	0.0329	36 44 55.9	16.537	0.307	81.0	374 377	36 479
1165	8.7	17 50.48	3.6099	0.0314	35 24 16.7	16.535	0.305	88.2	5 Beob. [1]	35 470
1166	9.2	2 17 51.47	+3.6197	+0.0319	+35 53 21.5	+16.534	−0.306	80.1	110 129	35 471
1167	9.0	17 51.56	3.6481	0.0335	37 16 34.5	16.534	0.308	81.9	489 495	37 550
1168	8.6	17 52.68	3.6264	0.0323	36 12 57.7	16.533	0.306	81.0	374 377	36 481
1169	9.1	18 2.67	3.6773	0.0351	38 37 2.4	16.525	0.311	80.0	103 106	38 477
1170	8.7	18 4.17	3.6797	0.0352	38 43 23.6	16.525	0.311	81.3	336 482	38 478
1171	8.9	2 18 9.89	+3.6981	+0.0363	+39 32 41.1	+16.519	−0.313	79.9	62 74	39 543
1172	9.1	18 11.05	3.6785	0.0351	38 38 51.0	16.518	0.311	85.2	336 482 548	38 479
1173	6.6	18 13.50	3.6323	0.0325	36 26 47.3	16.516	0.307	81.9	489 495	36 482
1174	9.0	18 14.06	3.6449	0.0332	37 3 24.6	16.516	0.309	81.4	371 487	36 483
1175	9.4	18 16.47	3.6925	0.0359	39 16 20.8	16.514	0.313	80.6	78 99 492	39 544
1176	8.4	2 18 19.59	+3.6368	+0.0327	+36 38 58.1	+16.511	−0.308	81.1	367 380	36 485
1177	8.1	18 43.38	3.6671	0.0344	38 1 26.9	16.491	0.311	80.0	103 106	37 554
1178	8.0	18 44.07	3.6595	0.0339	37 39 55.5	16.491	0.311	81.9	489 495	37 555
1179	8.7	18 52.27	3.6427	0.0330	36 50 28.4	16.484	0.310	79.9	90 95	36 487
1180	8.9	18 57.01	3.6470	0.0332	37 1 57.1	16.480	0.310	80.1	110 129	36 488
1181	9.6	2 19 7.55	+3.6263	+0.0320	+35 59 55.4	+16.471	−0.309	87.2	349 485 569 585	35 472
1182	9.0	19 10.23	3.7139	0.0370	40 3 59.4	16.469	0.316	79.9	62 74	39 546
1183	8.8	19 10.26	3.7052	0.0365	39 40 56.0	16.469	0.315	80.6	78 99 492	39 547
1184	8.2	19 12.65	3.6470	0.0321	36 59 9.5	16.467	0.311	81.0	374 377	36 489
1185	7.1	19 14.16	3.6350	0.0324	36 24 17.5	16.466	0.310	81.5	371 487	36 490
1186	6.8	2 19 14.92	+3.6077	+0.0311	+35 3 0.0	+16.465	−0.307	85.4	68 508 560	34 437
1187	7.2	19 37.82	3.6364	0.0324	36 24 13.0	16.446	0.310	80.1	110 129	36 491
1188	9.2	19 56.63	3.6479	0.0330	36 54 19.8	16.430	0.312	81.4	349 485	36 493
1189	8.6	20 15.06	3.6070	0.0307	34 50 51.0	16.415	0.309	85.0	68 504 560	*34 440*
1190	8.9	20 16.91	3.6788	0.0347	38 17 44.8	16.413	0.315	79.9	62 74	38 483
1191	8.7	2 20 21.50	+3.6710	+0.0342	+37 55 15.9	+16.410	−0.315	87.5 86.5	103 106[2] 569 585	37 557
1192	7.3	20 26.89	3.6791	0.0347	38 16 44.1	16.405	0.316	80.6	78 99 492	38 484
1193	9.0	20 27.76	3.6192	0.0313	35 25 13.8	16.404	0.311	79.9	90 95	35 476
1194	8.3	20 30.61	3.6182	0.0313	35 22 14.4	16.402	0.311	79.9	90 95	35 477
1195	8.9	20 38.83	3.6725	0.0342	37 56 31.0	16.395	0.316	86.5	103 106 569 585	37 558
1196	9.2	2 20 40.51	+3.6824	+0.0348	+38 23 29.2	+16.394	−0.316	80.6	78 99 492	38 485
1197	8.2	20 50.51	3.6404	0.0324	36 23 37.8	16.385	0.313	80.1	110 129	36 495
1198	8.6	20 51.71	3.6106	0.0308	34 55 39.2	16.384	0.311	85.2	68 508 560	34 441
1199	9.4	21 0.49	3.7040	0.0359	39 18 29.3	16.377	0.318	79.9	62 74	39 550
1200	8.1	21 8.68	3.6431	0.0325	36 28 5.6	16.370	0.314	81.4	349 485	36 498

[1] Z. 68 504 560 569 585 [2] *a* Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1201	9.0	2ʰ 21ᵐ 20ˢ.64	+3ˢ.6158	+0ˢ.0310	+35° 6′ 24″.0	+16″.359	−0″.312	90.3	504 560 594 612	35° 480
1202	9.8	21 26.61	3.6349	0.0320	36 1 35.2	16.355	0.314	90.0	349; M 320 323	35 481
1203	9.2	21 28.10	3.6706	0.0340	37 42 52.4	16.353	0.317	88.3	5 Beob. [1]	37 559
1204	6.6	21 28.33	3.6505	0.0328	36 46 11.2	16.353	0.315	80.0	110 129	36 499
1205	9.4	21 32.21	3.6365	0.0321	36 5 18.9	16.350	0.314	80.6	90 95 485	35 482
1206	6.8	2 21 36.01	+3.6701	+0.0339	+37 39 52.5	+16.347	−0.317	80.0	103 106	37 560
1207	8.5	21 36.03	3.7095	0.0361	39 26 46.6	16.347	0.320	79.8	62 74	39 552
1208	9.1	21 41.02	3.6649	0.0336	37 24 41.0	16.343	0.317	81.5	371 487	37 561
1209	9.0	22 8.76	3.6603	0.0332	37 7 5.3	16.319	0.317	81.5	371 487	37 563
1210	7.1	22 11.74	3.6922	0.0350	38 34 41.6	16.317	0.320	80.6	78 99 492	38 491
1211	7.1	2 22 28.63	+3.6893	+0.0348	+38 23 42.1	+16.302	−0.320	80.0	103 106	38 493
1212	9.5	22 34.88	3.6333	0.0317	35 45 36.3	16.297	0.316	81.4	349 485	35 487
1213	8.4	22 36.71	3.6718	0.0338	37 34 33.9	16.295	0.319	81.3	336 482	37 565
1214	9.2	22 50.35	3.6279	0.0313	35 27 2.5	16.284	0.316	85.0	68 508 560	35 488
1215	7.4	22 52.59	3.7182	0.0363	39 36 37.8	16.282	0.324	80.6	78 99 492	39 554
1216	8.8	2 22 53.22	+3.7306	+0.0370	+40 8 36.3	+16.281	−0.325	79.8	62 74	40 537
1217	8.2	23 10.93	3.6313	0.0314	35 33 35.9	16.266	0.317	79.9	90 95	35 490
1218	8.5	23 11.61	3.6689	0.0335	37 20 35.9	16.266	0.320	81.9	489 495	37 567
1219	9.2	23 21.66	3.6351	0.0316	35 42 54.7	16.257	0.318	81.3	349 485	35 491
1220	8.7	23 24.21	3.6237	0.0310	35 9 23.8	16.255	0.317	80.1	110 129	35 492
1221	9.3	2 23 29.18	+3.6230	+0.0310	+35 6 19.8	+16.251	−0.317	86.5	110 129 569 585	35 493
1222	9.0	23 34.32	3.6251	0.0311	35 11 58.7	16.246	0.317	79.9	90 95	35 494
1223	8.8	23 36.13	3.6180	0.0307	34 50 34.4	16.245	0.317	85.0	68 504 560	*34 449*
1224	7.7	23 47.64	3.6615	0.0330	36 53 53.4	16.235	0.321	81.9	489 495	36 506
1225	8.6	23 57.58	3.6559	0.0326	36 36 27.2	16.226	0.320	81.5	371 487	36 507
1226	7.0	2 23 58.07	+3.7178	+0.0360	+39 24 26.2	+16.226	−0.326	86.4	62 74 569 585	39 557
1227	6.9	24 7.63	3.6772	0.0337	37 34 0.0	16.218	0.323	80.0	103 106	37 572
1228	9.2	24 10.66	3.7109	0.0356	39 4 19.3	16.215	0.325	85.2	336 482 548	38 498
1229	8.7	24 19.26	3.6252	0.0309	35 4 42.8	16.208	0.318	85.0	68 508 560	34 451
1230	9.0	24 24.71	3.7003	0.0349	38 33 51.5	16.203	0.325	80.6	78 99 492	38 499
1231	5.7	2 24 28.83	+3.6363	+0.0315	+35 35 29.3	+16.199	−0.320	90.3 90.5	14 Beob. [2]	35 497
1232	7.3	24 33.61	3.7273	0.0364	39 43 4.8	16.195	0.327	85.6	5 Beob. [3]	39 560
1233	7.7	24 34.81	3.7066	0.0352	38 48 51.1	16.194	0.325	85.2	336 482 548	38 500
1234	7.9	24 34.98	3.7230	0.0361	39 31 50.3	16.194	0.327	79.9	62 74	39 559
1235	7.6	24 39.63	3.6278	0.0310	35 9 12.8	16.190	0.319	79.9	90 95	35 498
1236	9.1	2 24 56.38	+3.6914	+0.0343	+38 4 48.9	+16.176	−0.325	81.5	371 487	37 573
1237	8.0	24 57.64	3.7121	0.0355	38 59 46.5	16.175	0.327	85.2	336 482 548	38 502
1238	8.7	25 6.47	3.6738	0.0333	37 15 9.6	16.167	0.324	81.4	349 485	37 574
1239	8.7	25 6.57	3.6463	0.0318	35 58 2.3	16.167	0.322	80.1	110 129	35 499
1240	9.0	25 13.25	3.7374	0.0368	40 2 26.0	16.161	0.330	80.0	103 106	39 562
1241	7.1	2 25 14.77	+3.6641	+0.0328	+36 46 54.1	+16.160	−0.324	80.1	110 129	36 512
1242	9.2[4]	25 33.56	3.6351	0.0312	35 21 31.6	16.144	0.321	83.7 85.0	68 504[5] 560[5]	35 500
1243	8.7	25 34.45	3.6302	0.0309	35 7 22.0	16.143	0.321	79.9	90 95	35 501
1244	9.1	25 39.83	3.6962	0.0344	38 10 25.2	16.138	0.327	80.6	78 99 492	38 503
1245	9.1	25 41.35	3.6997	0.0346	38 19 35.2	16.137	0.327	79.9	62 74	38 504
1246	6.8	2 26 23.12	+3.6991	+0.0344	+38 11 1.1	+16.101	−0.329	80.0	103 106	38 506
1247	9.3	26 27.79	3.6523	0.0319	36 1 51.5	16.097	0.325	80.1	110 129	35 502
1248	8.4[6]	26 29.54	3.7354	0 0364	39 44 30.5	16.095	0.332	79.9	62 74	39 566
1249	8.9	26 30.26	3.7179	0.0354	38 59 19.0	16.095	0.331	85.2	336 482 548	38 507
1250	9.3	26 46.51	3.6339	0.0309	35 6 23.8	16.080	0.324	79.9	90 95	35 503

[1] Z. 336 482 548 569 585 [2] Z. 569 585 594 612 621; M 161 163 164 265δ 268 269 270 271 272
[3] Z. 78 99 492 594 612 [4] Dpl. 2″ med. [5] α Gew. ½ [6] Dpl. 7″ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1251	7.9	2^h 27^m $22^s.83$	$+3^s.7461$	$+0^s.0368$	+40° 2' 50".4	$+16^s.049$	$-0^s.335$	80.0	103 106	39° 571
1252	8.7	27 25.39	3.7387	0.0363	39 43 53.3	16.046	0.334	80.6	78 99 492	39 570
1253	9.0	27 29.17	3.6409	0.0311	35 19 52.8	16.043	0.326	88.2	5 Beob. [1]	35 505
1254	8.8	27 30.12	3.7133	0.0349	38 37 31.6	16.042	0.332	81.9	489 495	38 508
1255	6.3	27 39.40	3.7252	0.0355	39 6 58.3	16.034	0.333	85.2	336 482 548	39 573
1256	9.1	2 27 51.52	+3.6661	+0.0323	+36 27 9.1	+16.024	−0.328	79.9	90 95	36 518
1257	8.6	27 55.93	3.7507	0.0369	40 8 52.0	16.020	0.336	79.9	62 74	40 551
1258	6.1	27 57.13	3.6732	0.0327	36 45 50.0	16.019	0.329	89.3 89.6	14 Beob. [2]	36 519
1259	7.8	28 0.92	3.7238	0.0354	38 59 58.9	16.015	0.334	81.0	374 377	38 510
1260	9.0	28 5.18	3.7533	0.0370	40 13 59.8	16.012	0.337	80.6	78 99 492	40 552
1261	7.3	2 28 14.28	+3.6687	+0.0324	+36 30 37.1	+16.004	−0.329	80.1	110 129	36 521
1262	8.7	28 15.59	3.7499	0.0367	40 3 40.4	16.002	0.337	80.0	103 106	39 576
1263	9.5	28 24.94	3.6928	0.0336	37 34 25.3	15.994	0.332	81.4	349 485	37 580
1264	9.4	28 28.20	3.6930	0.0336	37 34 31.3	15.991	0.332	81.4	371 487	37 581
1265	7.1	28 28.35	3.7411	0.0362	39 39 26.2	15.991	0.336	80.0	103 106	39 577
1266	8.5	2 28 40.04	+3.7121	+0.0346	+38 23 8.1	+15.981	−0.334	85.2	336 482 548	38 513
1267	9.4	28 43.82	3.7317	0.0356	39 13 9.3	15.978	0.336	79.9	62 74	39 578
1268	9.0	28 45.15	3.6378	0.0307	34 59 20.0	15.976	0.328	88.2	5 Beob. [3]	34 474
1269	9.3	28 49.99	3.7507	0.0367	40 0 4.6	15.972	0.338	80.6	78 99 492	39 580
1270	8.4	28 54.61	3.6502	0.0313	35 32 59.3	15.968	0.329	79.9	90 95	35 512
1271	8.6	2 28 55.08	+3.6984	+0.0338	+37 44 44.5	+15.968	−0.333	81.9	489 495	37 583
1272	8.4	29 5.86	3.6796	0.0328	36 52 19.3	15.958	0.332	80.1	110 129	36 523
1273	6.0	29 9.41	3.7095	0.0343	38 11 34.3	15.955	0.335	81.1	386 389	38 515
1274	9.2	29 11.86	3.6888	0.0331	37 6 14.6	15.953	0.333	87.3	371 487 569 585	37 584
1275	8.1	29 15.02	3.6787	0.0327	36 48 30.1	15.950	0.332	81.4	349 485	36 524
1276	9.0	2 29 17.32	+3.7114	+0.0344	+38 15 14.8	+15.948	−0.335	84.9 87.0	354 368 621; M 265δ	38 516
1277	8.4	29 23.98	3.6846	0.0330	37 3 16.4	15.942	0.333	81.5	371 487	36 525
1278	8.9	29 25.12	3.7127	0.0345	38 17 36.0	15.941	0.335	81.1	367 380	38 517
1279	9.2	29 28.33	3.7105	0.0343	38 11 10.1	15.938	0.335	81.0	374 377	38 519
1280	6.9	29 30.73	3.7378	0.0358	39 21 3.1	15.936	0.338	80.6	78 99 492	39 582
1281	8.7	2 29 34.97	+3.6523	+0.0313	+35 32 32.4	+15.932	−0.330	85.0	68 504 560	35 515
1282	8.6	29 38.28	3.6437	0.0308	35 7 40.0	15.929	0.330	80.0	90 95	35 516
1283	9.2	29 40.84	3.7233	0.0350	38 42 25.1	15.927	0.337	87.0	354 368 570 577	38 520
1284	9.3	29 45.67	3.6468	0.0310	35 15 29.6	15.923	0.330	81.4	349 485	35 517
1285	8.9	29 54.76	3.7602	0.0369	40 13 22.0	15.915	0.341	79.8	62 74	40 561
1286	9.5	2 29 58.84	+3.7134	+0.0344	+38 14 6.8	+15.911	−0.337	81.9	489 495	38 522
1287	7.3	30 7.38	3.7172	0.0345	38 22 29.5	15.904	0.337	81.1	367 380	38 523
1288	9.4	30 20.75	3.6444	0.0307	35 3 7.6	15.892	0.331	80.1	110 129	34 477
1289	9.0	30 25.98	3.7352	0.0354	39 5 51.8	15.887	0.339	83.1	5 Beob. [4]	39 584
1290	8.4	30 29.77	3.7063	0.0339	37 50 38.5	15.884	0.337	81.0	374 377	37 587
1291	8.7	2 30 30.65	+3.6866	+0.0329	+36 57 56.1	+15.883	−0.335	81.0	354 368	36 527
1292	9.0	30 33.10	3.6451	0.0307	35 3 18.9	15.881	0.331	80.1	110 129	34 478
1293	5.9	30 34.28	3.6917	0.0331	37 11 3.7	15.880	0.336	81.1	386 389	37 588
1294	9.5	30 35.68	3.7247	0.0348	38 37 32.1	15.878	0.339	81.9	489 495	38 525
1295	9.0	30 37.49	3.6969	0.0334	37 24 33.4	15.877	0.336	81.0	374 377	37 589
1296	8.5	2 30 37.70	+3.7559	+0.0365	+39 55 48.7	+15.877	−0.341	79.9	84 86	39 585
1297	9.3	30 39.62	3.6860	0.0328	36 55 5.1	15.875	0.335	85.2	354 586 607	36 528
1298	8.5	30 40.45	3.7528	0.0363	39 47 40.8	15.874	0.341	79.9	57 71	39 586
1299	9.0	30 40.87	3.7065	0.0339	37 49 23.6	15.874	0.337	81.1	367 380	37 590
1300	9.3	30 41.65	3.6631	0.0316	35 52 17.1	15.873	0.333	86.5	90 95 586 607	35 520

[1] Z. 68 508 560 569 585
[2] Z. 68 386 389 504 560 569 585 621; M 265δ 268 269 270 271 272
[3] Z. 68 508 560 594 612
[4] Z. 103 106 336 482 548

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1301	6.2	2h 30m 42s.74	+3s.7003	+0s.0335	+37° 32′ 44″.6	+15″.872	−0″.337	81.1	386 389	37° 591
1302	9.4	30 49.78	3.7480	0.0360	39 34 9.1	15.866	0.341	80.0	92 105	39 587
1303	8.5	30 50.92	3.6624	0.0315	35 48 52.2	15.865	0.334	81.4	371 487	35 521
1304	8.8	30 52.98	3.7450	0.0358	39 26 6.4	15.863	0.341	81.9	489 495	39 588
1305	9.4	30 54.75	3.6545	0.0311	35 26 26.0	15.861	0.333	81.4	349 485	35 522
1306	9.1	2 30 56.82	+3.6425	+0.0305	+34 52 26.6	+15.860	−0.332	85.0	68 508 560	*34 482*
1307	7.9	30 57.92	3.6624	0.0315	35 47 46.4	15.859	0.334	81.1	367 380	35 523
1308	7.5	31 3.31	3.7260	0.0348	38 36 27.1	15.854	0.340	93.0	570 577	38 527
1309	9.4	31 3.35	3.7490	0.0360	39 34 36.6	15.854	0.342	81.4	340 493	39 589
1310	9.1	31 6.49	3.6689	0.0318	36 4 34.4	15.851	0.335	81.5	371 487	35 524
1311	9.3	2 31 9.47	+3.7494	+0.0360	+39 34 32.7	+15.848	−0.342	81.5	340 493 498[1]	39 591
1312	8.6	31 23.37	3.6522	0.0309	35 15 46.0	15.836	0.334	80.0	90 95	35 526
1313	8.5	31 24.88	3.7360	0.0352	38 58 29.0	15.834	0.341	80.0	92 105	38 528
1314	8.7	31 40.39	3.7519	0.0360	39 35 49.2	15.821	0.343	79.9	57 71	39 593
1315	9.0	31 48.73	3.7106	0.0338	37 49 27.7	15.813	0.340	81.4	349 485	37 592
1316	8.1	2 32 11.13	+3.7465	+0.0356	+39 17 39.0	+15.793	−0.344	79.9	84 86	39 596
1317	9.3	32 12.72	3.7307	0.0348	38 37 37.9	15.792	0.342	81.2	340 493 498	38 532
1318	8.9	32 15.53	3.6470	0.0305	34 53 16.3	15.789	0.335	86.0	68 504	*34 487*
1319	9.0	32 19.34	3.6715	0.0317	36 0 21.0	15.786	0.337	88.7	129 570 577	35 529
1320	8.7	32 23.92	3.7279	0.0346	38 28 32.3	15.781	0.342	80.0	92 105	38 533
1321	9.0	2 32 25.12	+3.6612	+0.0313	+35 31 20.4	+15.780	−0.336	86.0	90 95 586 607	35 530
1322	9.1	32 38.17	3.7131	0.0338	37 48 20.5	15.769	0.341	81.9	489 495	37 593
1323	8.3	32 46.77	3.7556	0.0360	39 34 39.5	15.761	0.346	79.9	57 71	39 598
1324	9.3	32 47.99	3.7382	0.0350	38 51 3.3	15.760	0.344	86.0	84 86 570 577	38 535
1325	7.9	32 51.06	3.6614	0.0311	35 28 0.2	15.757	0.337	85.0	68 508 560	35 531
1326	9.1	2 32 58.13	+3.6854	+0.0323	+36 32 8.8	+15.751	−0.340	81.4	349 485	36 534
1327	8.5	33 8.89	3.7321	0.0346	38 32 19.7	15.741	0.344	81.0	354 368	38 536
1328	9.3	33 15.93	3.6839	0.0321	36 25 24.3	15.735	0.340	81.5	371 487	36 535
1329	9.0	33 21.41	3.7131	0.0336	37 41 43.4	15.730	0.343	81.1	367 374 377 380	37 596
1330	9.0[2]	33 34.07	3.7623	0.0361	39 43 46.0	15.718	0.348	93.0	586 607	39 603
1331	8.2	2 33 48.42	+3.7455	+0.0352	+39 0 2.0	+15.705	−0.347	81.9	489 495	38 539
1332	9.0	33 48.65	3.7506	0.0355	39 12 42.6	15.705	0.347	79.9	84 86	39 606
1333	8.8	33 49.68	3.7144	0.0336	37 40 47.1	15.704	0.344	85.3	6 Beob.[3]	37 599
1334	9.1	33 52.32	3.6616	0.0309	35 19 18.8	15.701	0.339	91.2	6 Beob.[4]	35 536
1335	8.9	33 54.34	3.7639	0.0361	39 44 33.7	15.700	0.348	80.0	57 71 92 105	39 607
1336	8.9	2 33 56.26	+3.7143	+0.0335	+37 39 31.3	+15.698	−0.344	95.0	M 320 322 323	37 601
1337	9.2	34 3.53	3.7701	0.0364	39 58 10.4	15.691	0.349	81.5	340 493 498	39 609
1338	8.5	34 10.76	3.7410	0.0349	38 45 20.4	15.685	0.347	87.1	354 368 586 607	38 542
1339	5.5	34 21.88	3.7636	0.0360	39 39 47.0	15.675	0.349	89.1 89.4[5]	17 Beob.[6]	39 610
1340	9.3	34 29.50	3.7208	0.0338	37 51 6.0	15.668	0.345	81.5	371 487	37 603
1341	8.7[7]	2 34 32.20	+3.7264	+0.0340	+38 5 9.5	+15.665	−0.346	81.1	367 374 377 380	37 604
1342	8.7	34 33.48	3.6957	0.0325	36 45 6.3	15.664	0.343	79.9	90 95	36 536
1343	9.2	34 34.45	3.7088	0.0331	37 19 18.1	15.663	0.345	81.9	489 495	37 605
1344	8.5	34 34.83	3.7659	0.0361	39 43 13.3	15.663	0.350	86.5	105 577	39 611
1345	9.2	34 35.18	3.6657	0.0310	35 24 11.6	15.663	0.341	81.0	349 485	35 541
1346	7.6[8]	2 34 35.83	+3.7661	+0.0361	+39 43 33.8	+15.662	−0.350	79.9	84 86 92	39 612
1347	9.5	34 40.14	3.7549	0.0355	39 15 25.6	15.658	0.349	81.4	340 493	39 613
1348	9.4	34 55.87	3.7558	0.0355	39 15 17.1	15.644	0.350	81.4	340 493	39 614
1349	9.1	34 58.68	3 7652	0.0359	39 37 56.5	15.641	0.350	81.0	354 368	39 615
1350	9.1	35 3.57	3.7239	0.0338	37 53 53.2	15.637	0.347	81.9	489 495	37 606

[1] a Gew. ½ [2] Dpl. bor. pr. [3] Z. 349 371 485 487 570 577 [4] Z. 68 560 610 613; M 258 324
[5] E.B. −0s.003 −0″.18 (Porter) [6] Z. 586 607 610 613 621; M 49 53 54 163 164 258 265δ 268 270 271 272 273
[7] Dpl. 12″ seq.; Com. 9m.3 [8] Dpl. bor. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1351	7.9	2h 35m 8s.61	+3s.6951	+0s.0323	+36° 38′ 21″.3	+15″.632	−0″.344	80.1	110 129	36° 541
1352	8.7	35 23.68	3.7473	0.0350	38 49 55.3	15.618	0.350	86.5	92 105 586 607	38 544
1353	8.9	35 24.69	3.7791	0.0366	40 7 24.8	15.618	0.352	79.9	57 71	40 575
1354	8.7	35 30.63	3.6692	0.0310	35 25 35.6	15.612	0.343	85.0	68 508 560	35 544
1355	9.1	35 34.33	3.6577	0.0304	34 53 37.1	15.609	0.342	85.0	68 504 560	*34 499*
1356	8.4	2 35 35.10	+3.6913	+0.0320	+36 24 22.2	+15.608	−0.345	79.9	90 95	36 543
1357	8.6	35 36.69	3.7196	0.0334	37 38 2.2	15.607	0.347	81.0	374 377	37 608
1358	8.8	35 37.18	3.7076	0.0328	37 6 53.8	15.606	0.346	87.2	371 487 610 613	37 609
1359	9.1	36 0.19	3.7311	0.0339	38 3 47.0	15.585	0.349	81.0	354 368	37 610
1360	8.6	36 9.82	3.7632	0.0356	39 22 13.7	15.576	0.352	84.3	84 86 577	39 618
1361	9.3	2 36 14.08	+3.7129	+0.0330	+37 15 7.0	+15.572	−0.348	81.5	371 487	37 611
1362	9.1	36 18.07	3.7857	0.0367	40 15 7.3	15.569	0.355	79.9	57 71	40 581
1363	9.2	36 21.48	3.7068	0.0327	36 58 8.9	15.565	0.348	81.4	349 485	36 545
1364	9.1	36 23.08[1]	3.6700	0.0308	35 20 12.4	15.564	0.344	90.2 88.2	5 Beob.[1]	35 545
1365	9.0	36 24.90	3.6957	0.0321	36 28 33.6	15.562	0.347	80.1	110 129	36 546
1366	8.7	2 36 27.92	+3.7222	+0.0334	+37 37 3.7	+15.559	−0.349	86.5	92 105 586 607	37 613
1367	8.4	36 43.71	3.7195	0.0332	37 27 50.4	15.545	0.349	80.1	110 129	37 614
1368	9.3	36 57.38	3.7296	0.0337	37 51 32.8	15.532	0.351	81.5	340 493 498	37 615
1369	8.5	36 58.25	3.7717	0.0358	39 35 35.5	15.532	0.355	86.4	57 71 570 577	39 622
1370	8.9	36 59.92	3.6720	0.0308	35 20 11.8	15.530	0.346	82.6 86.5	90 95 621; M265δ	35 547
1371	9.3	2 37 4.24	+3.7588	+0.0351	+39 3 11.5	+15.526	−0.354	86.5 87.4	84[2] 86 610 613	38 547
1372	9.3	37 7.38	3.7247	0.0334	37 37 33.0	15.523	0.351	81.5	371 487	37 617
1373	9.4	37 7.64	3.7081	0.0326	36 54 43.9	15.523	0.349	81.4	349 485	36 548
1374	8.0	37 31.45	3.7241	0.0333	37 32 20.3	15.501	0.351	80.1	110 129	37 619
1375	9.4	37 36.69	3.7115	0.0326	36 59 16.8	15.496	0.350	81.4	349 485	36 550
1376	9.2	2 37 39.18	+3.7684	+0.0255	+39 21 25.1	+15.494	−0.356	86.5	57 71 570 577	39 626
1377	8.8	37 40.29	3.6840	0.0313	35 46 46.9	15.493	0.348	79.9	90 95	35 548
1378	8.8	37 53.39	3.7366	0.0338	38 0 54.2	15.481	0.353	81.0	354 368 377	37 621
1379	7.8	38 2.79	3.7881	0.0364	40 5 2.1	15.472	0.358	79.9	57 84 86	39 628
1380	9.2	38 9.71	3.7816	0.0360	39 48 32.9	15.465	0.358	80.0	92 105	39 629
1381	8.5	2 38 10.64	+3.7693	+0.0354	+39 18 53.1	+15.465	−0.357	81.5	340 493 498	39 630
1382	8.4	38 12.10	3.7372	0.0338	37 59 35.4	15.463	0.354	93.0	586 607	37 623
1383	8.9	38 18.90	3.7356	0.0337	37 54 35.1	15.457	0.354	81.3	371 374 487	37 624
1384	7.7	38 22.12	3.6671	0.0303	34 55 20.4	15.454	0.348	85.0	68 504 560	*34 510*
1385	8.4	38 22.35	3.7694	0.0354	39 17 27.9	15.454	0.357	81.5	340 493 498	39 631
1386	7.5	2 38 23.98	+3.6855	+0.0312	+35 44 24.8	+15.452	−0.349	80.1	110 129	35 550
1387	8.9	38 24.13	3.7426	0.0340	38 11 13.2	15.452	0.355	87.0	354 368 610 613	38 550
1388	9.2	38 29.44	3.7854	0.0362	39 54 34.7	15.447	0.359	79.9	84 86	39 633
1389	9.0	38 38.49	3.7354	0.0336	37 51 9.1	15.439	0.354	87.0	367 380 586 607	37 627
1390	8.3	38 51.49	3.7913	0.0364	40 5 17.7	15.427	0.360	88.6	71 570 577	40 593
1391	*9.0	2 38 53.94[3]	+3.7214	+0.0329	+37 13 39.8[4]	+15.424	−0.353	95.1	M 320 322 323 324	37 629
1392	8.2	38 55.63	3.7541	0.0345	38 35 6.7	15.423	0.357	80.0	92 105	38 551
1393	8.6	38 57.86	3.7594	0.0347	38 47 54.2	15.420	0.357	81.1	367 380	38 552
1394	9.0	38 59.56	3.7215	0.0328	37 12 56.7	15.419	0.354	85.1 87.1	374 377 621 M265δ	37 629
1395	9.3	39 4.66	3.7366	0.0336	37 50 23.2	15.414	0.355	81.5	371 487	37 630
1396	9.4	2 39 12.57	+3.7633	+0.0349	+38 55 17.2	+15.407	−0.358	87.0	354 368 610 613	38 553
1397	6.6	39 15.25	3.6819	0.0309	35 27 24.3	15.404	0.350	80.0	90 95	35 553
1398	*8.8	39 20.24	3.7216	0.0328	37 10 10.3	15.400	0.354	82.6 87.0	374 377 621 M265δ	37 631
1399	9.5	39 20.61	3.6980	0.0316	36 9 9.7	15.399	0.352	81.4	349 485	36 555
1400	8.4	39 20.88	3.7223	0.0328	37 12 9.2	15.399	0.354	81.1	367 380	37 632

[1] Z. 68[22s.42] 508 560 610 613   [2] δ Gew. ½   [3] M320[53s.37]   [4] M322[32″.2]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1401	6.8	$2^h\ 39^m\ 22^s.52$	$+3^s.6727$	$+0^s.0304$	+35° 1' 46".0	+15".397	−0".350	85.4	68 508 560	34° 513
1402	8.6	39 26.93	3.6956	0.0315	36 2 14.1	15.393	0.352	88.2	5 Beob. [1]	35 554
1403	8.0	39 27.34	3.7759	0.0354	39 23 21.5	15.393	0.360	79.9	57 71	39 634
1404	6.8	39 39.62	3.7249	0.0329	37 15 54.7	15.382	0.356	81.1	386 389	37 634
1405	9.3	39 40.60	3.7633	0.0348	38 51 1.7	15.381	0.359	79.9	84 86	38 556
1406	8.5	2 39 47.64	+3.7409	+0.0336	+37 54 52.8	+15.374	−0.357	81.1	374 377	37 635
1407	9.3	39 50.50	3.7182	0.0325	36 57 15.4	15.371	0.355	80.1	110 129	36 556
1408	8.9	39 54.10	3.7672	0.0348	38 58 44.4	15.368	0.359	86.5	92 105 570 577	38 557
1409	9.1	39 56.05	3.7628	0.0347	38 47 35.0	15.366	0.359	81.5	340 493 498	38 558
1410	9.1	40 9.10	3.6807	0.0306	35 16 52.1	15.354	0.352	79.9	90 95	35 558
1411	9.2	2 40 14.72	+3.7214	+0.0325	+37 1 55.3	+15.349	−0.356	87.0	349 485 610 613 [2]	36 559
1412	9.4	40 19.17	3.7496	0.0338	38 12 1.8	15.345	0.359	81.5	340 493 498	38 560
1413	9.2	40 33.36	3.7302	0.0329	37 21 29.5	15.331	0.357	81.0	354 368	37 638
1414	9.4	40 34.70	3.6790	0.0305	35 8 26.2	15.330	0.353	86.5	90 95(½) 586 607	35 562
1415	9.2	40 45.52	3.7778	0.0352	39 16 28.3	15.320	0.362	79.8	57 71	39 637
1416	8.8	2 40 54.26	+3.6924	+0.0310	+35 41 20.3	+15.312	−0.354	88.2	5 Beob. [3]	35 564
1417	9.2	40 55.58	3.7283	0.0328	37 13 28.2	15.310	0.358	81.5	371 487	37 639
1418	8.8	41 7.28	3.7645	0.0345	38 41 24.4	15.299	0.362	81.5	340 493 498	38 561
1419	8.4	41 8.74	3.7270	0.0326	37 8 21.7	15.298	0.358	81.0	354 368	37 640
1420	8.6	41 10.86	3.7977	0.0362	39 59 45.0	15.296	0.365	79.9	84 86	39 639
1421	9.2	2 41 11.77	+3.7028	+0.0315	+36 5 54.7	+15.295	−0.356	80.1	110 129	36 562
1422	8.0	41 19.24	3.7972	0.0361	39 57 25.1	15.288	0.365	80.0	92 105	39 642
1423	9.4	41 21.31	3.7242	0.0325	36 59 25.7	15.286	0.358	88.1 86.7	349 [4] 485 586 607	36 563
1424	8.0	41 27.81	3.6864	0.0307	35 20 56.6	15.280	0.355	80.0	90 95	35 567
1425	8.4	41 34.82	3.6803	0.0303	35 3 37.3	15.273	0.354	88.2	5 Beob. [5]	34 517
1426	6.3	2 41 39.52	+3.7208	+0.0322	+36 48 16.2	+15.269	−0.358	80.1	110 129	36 566
1427	9.4	41 42.36	3.7932	0.0358	39 44 51.0	15.266	0.365	79.9	84 86	39 643
1428	8.2	41 48.29	3.7091	0.0317	36 17 13.9	15.261	0.357	81.5	371 487	36 567
1429	8.5	41 53.18	3.7220	0.0323	36 49 35.2	15.256	0.359	81.4	349 485 [6]	36 568
1430	7.7	41 58.92	3.7854	0.0353	39 24 2.1	15.250	0.365	79.9	57 71	39 646
1431	8.8	2 42 27.38	+3.7439	+0.0332	+37 39 30.1	+15.224	−0.362	80.0	92 105	37 644
1432	5.0	42 42.19	3.7482	0.0333	37 48 6.6	15.209	0.363	90.2 90.4 [7]	14 Beob. [8]	37 646
1433	9.5	42 43.20	3.6893	0.0306	35 18 9.1	15.208	0.357	81.5	371 487	35 569
1434	9.8	42 44.54	3.6855	0.0304	35 7 47.3	15.207	0.357	83.7	349 485 577(½)	35 570
1435	6.3	42 48.49	3.7158	0.0318	36 25 58.7	15.203	0.360	81.1	374 377	36 569
1436	8.5	2 42 48.72	+3.7006	+0.0311	+35 46 38.9	+15.203	−0.358	80.0	90 95	35 571
1437	9.3	42 50.84	3.7185	0.0319	36 32 29.0	15.201	0.360	81.0	354 368	36 570
1438	9.2	42 59.69	3.7642	0.0341	38 24 36.2	15.193	0.365	80.0	92 105	38 568
1439	9.1	43 0.24	3.7692	0.0343	38 36 33.9	15.192	0.365	81.0	354 368	38 569
1440	9.3	43 2.69	3.7893	0.0353	39 24 7.0	15.190	0.367	79.8	57 71	39 647
1441	9.4	2 43 4.45	+3.6938	+0.0307	+35 26 55.6	+15.188	−0.358	86.5	110 129 610 613	35 573
1442	9.2	43 4.77	3.7602	0.0338	38 14 14.9	15.188	0.365	81.5	340 493 498	38 570
1443	7.6	43 9.96	3.6810	0.0301	34 52 28.7	15.183	0.357	85.4	68 508 560	*34 524*
1444	8.6	43 25.13	3.7215	0.0319	36 35 21.9	15.169	0.362	80.1	110 129	36 574
1445	8.9	43 29.16	3.7913	0.0353	39 24 57.3	15.165	0.368	79.9	84 86	39 649
1446	8.3	2 43 32.59	+3.7032	+0.0310	+35 47 37.8	+15.161	−0.360	85.0	68 504 560	35 576
1447	9.2	43 42.75	3.7015	0.0309	35 41 38.4	15.152	0.360	79.9	90 95	35 577
1448	8.6	43 43.79	3.7723	0.0343	38 37 57.9	15.151	0.367	86.5	92 105 586 607	38 573
1449	8.5	43 49.47	3.7664	0.0340	38 23 5.4	15.145	0.367	93.0	570 577	38 574
1450	8.2	43 49.88	3.7977	0.0355	39 37 10.1	15.145	0.369	79.9	84 86	39 650

[1] Z. 68 504 560 586 607 [2] Obl. [3] Z. 68 508 560 570 571 [4] *a* Gew. ½ [5] Z. 68 504 560 570 577
[6] Obl. [7] E. B. + 0".016 − 0".10 (Porter) [8] Z. 586 607 610 613 621; M 53 163 164 265δ 268 270 271 272 273

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1451	9.3	$2^h\ 44^m\ 0^s.40$	+3s.7677	+0s.0340	+38° 24′ 36″.9	+15″.135	−0″.367	81.5	340 493 498	38° 575
1452	8.7	44 4.79	3.7312	0.0322	36 54 15.2	15.131	0.364	81.1	374 377	36 577
1453	8.6	44 8.71	3.8128	0.0362	40 9 15.6	15.127	0.372	79.9	57 71	40 616
1454	9.3	44 12.31	3.7345	0.0323	37 1 28.5	15.123	0.364	81.5	371 487	36 579
1455	9.4	44 16.33	3.6870	0.0301	34 59 15.6	15.120	0.360	81.4	349 485	34 529
1456	8.7	2 44 16.99	+3.7288	+0.0321	+36 46 45.9	+15.119	−0.364	81.5	371 487	36 581
1457	8.9	44 18.80	3.7224	0.0318	36 30 14.7	15.117	0.363	81.0	354 368	36 580
1458	7.3	44 23.31	3.7244	0.0318	36 34 40.7	15.113	0.364	81.1	367 380	36 582
1459	9.2	44 30.22	3.7490	0.0330	37 35 5.6	15.106	0.366	87.0	374 377 610 613	37 651
1460	9.5	44 31.71	3.8065	0.0358	39 51 25.7	15.105	0.372	86.4	84 570	[39 652]
1461	9.0	2 44 46.77	+3.6877	+0.0301	+34 57 5.9	+15.090	−0.361	85.0	68 508 560	34 530
1462	8.8	44 47.39	3.7361	0.0323	37 0 46.6	15.090	0.365	81.0	354 368	36 584
1463	8.7	44 47.69	3.7609	0.0335	38 1 31.1	15.090	0.368	81.5	340 493 498	37 652
1464	8.9	44 52.01	3.7429	0.0326	37 16 54.8	15.085	0.366	93.0	586 607	37 653
1465	9.5	44 55.42	3.8084	0.0358	39 52 37.9	15.082	0.373	86.5	86 577	39 653
1466	8.5	2 44 57.23	+3.7072	+0.0309	+35 46 17.0	+15.080	−0.363	80.0	90 95	35 581
1467	8.7	44 59.41	3.7347	0.0322	36 55 31.2	15.078	0.366	81.1	367 380	36 585
1468	8.4	44 59.50	3.7116	0.0311	35 57 16.1	15.078	0.364	80.1	110 129	35 582
1469	9.1	45 4.93	3.7968	0.0352	39 24 19.0	15.073	0.372	80.0	92 105	39 654
1470	9.3	45 11.96	3.7370	0.0323	36 59 27.8	15.066	0.366	81.5	371 487	36 587
1471	9.1	2 45 14.38	+3.7619	+0.0334	+38 0 11.3	+15.064	−0.369	81.0	374 377	[37 654]
1472	8.3	45 14.49	3.6932	0.0302	35 7 40.4	15.064	0.362	89.1 90.0[1]	7 Beob.[2]	35 583
1473	8.9	45 22.33	3.8168	0.0361	40 7 58.9	15.057	0.374	86.4	57 71 570 577	40 618
1474	8.9	45 39.54	3.8081	0.0356	39 45 40.9	15.039	0.374	79.9	84 86	39 658
1475	8.7	45 44.24	3.8031	0.0353	39 33 29.4	15.035	0.373	79.9	57 71	39 659
1476	9.2	2 45 49.13	+3.7766	+0.0340	+38 30 48.4	+15.030	−0.371	87.0	354 368 586 607	38 578
1477	5.9	45 49.67	3.7595	0.0332	37 49 34.5	15.030	0.369	86.9 87.6	7 Beob.[3]	37 655
1478	9.0	46 2.03	3.6978	0.0303	35 13 14.9	15.018	0.364	80.0	90 95	35 585
1479	9.1	46 3.72	3.7835	0.0343	38 45 11.7	15.016	0.372	81.5	340 493 498	38 579
1480	8.6	46 12.21	3.8184	0.0360	40 4 38.3	15.008	0.376	80.0	92 105	39 661
1481	8.6[4]	2 46 21.76	+3.7060	+0.0306	+35 31 45.2	+14.999	−0.365	88.2	5 Beob.[5]	35 586
1482	8.7	46 24.36	3.7379	0.0321	36 51 53.1	14.996	0.369	80.1	110 129	36 590
1483	9.4	46 27.72	3.7367	0.0320	36 48 26.4	14.993	0.368	87.0	110 129 586 607	36 591
1484	8.5	46 29.76	3.7208	0.0313	36 8 28.0	14.991	0.367	80.0	90 95	36 592
1485	8.2	46 46.00	3.7480	0.0325	37 13 50.0	14.975	0.370	81.5	340[6] 493 498	37 659
1486	8.9	2 46 55.70	+3.7856	+0.0342	+38 42 54.1	+14.966	−0.374	86.5	57 71 570 577	38 582
1487	8.1	46 59.16	3.7910	0.0345	38 55 3.9	14.963	0.375	79.9	84 86	38 584
1488	8.4	47 13.50	3.7250	0.0313	36 13 12.9	14.949	0.369	81.4	349 485	36 596
1489	8.9	47 16.92	3.7215	0.0311	36 3 51.5	14.945	0.368	88.2	5 Beob.[7]	35 587
1490	8.2	47 32.81	3.7569	0.0327	37 29 21.7	14.930	0.372	80.0	84 86 92 105	37 660
1491	8.4	2 47 39.82	+3.7358	+0.0317	+36 36 30.3	+14.923	−0.370	81.0	374 377	36 598
1492	9.1	47 41.58	3.7495	0.0324	37 10 8.1	14.921	0.372	81.0	354 368	37 661
1493	7.5	47 42.82	3.7069	0.0304	35 23 20.3	14.920	0.368	86.5	90 95 570 577	35 588
1494	8.7	47 48.27	3.7363	0.0317	36 36 39.7	14.915	0.371	81.0	374 377	36 599
1495	8.8	47 54.83	3.6999	0.0301	35 3 51.2	14.908	0.367	85.0	68 504 560	34 541
1496	9.1	2 47 59.00	+3.7195	+0.0309	+35 53 24.9	+14.904	−0.370	81.4	349 485	35 589
1497	8.4	48 1.06	3.6993	0.0300	35 1 38.5	14.902	0.368	80.1	110 129	34 542
1498	8.9	48 8.04	3.7332	0.0315	36 26 28.5	14.895	0.371	81.5	371 487	36 601
1499	8.0	48 8.43	3.7736	0.0334	38 4 39.4	14.895	0.375	79.9	57 71	37 662
1500	8.9	48 17.32	3.7192	0.0308	35 50 7.3	14.886	0.370	80.1	110 129	35 591

[1] E.B. +0s.024 −0″.16 (Porter) [2] Z. 349 485 610 613 621; M 265δ 268 [3] Z. 610 613 621; M 53 163 164 265δ
[4] Dpl. 6″ austr. seq. [5] Z. 68 504 560 610 613 [6] Obl.? [7] Z. 68 508 560 586 607

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1501	9.5	2h 48m 22s.09	+3s.7712	+0s.0332	+37° 57′ 1″.0	+14″.882	−0″.375	81.3 80.9	5 Beob.[1]	37° 664
1502	9.4	48 24.68	3.7277	0.0312	36 10 37.1	14.879	0.371	80.9	95 349 485	36 602
1503	8.9	48 38.88	3.8246	0.0357	39 58 27.5	14.865	0.381	79.9	57 71	39 665
1504	9.4	48 41.77	3.8985	0.0312	36 10 27.3	14.862	0.372	80.9	90 371 487	36 605
1505	8.5	48 48.03	3.7788	0.0335	38 11 44.0	14.856	0.377	80.0	92 105	38 590
1506	8.4	2 49 2.37	+3.8199	+0.0354	+39 44 44.3	+14.842	−0.381	79.9	84 86	39 671
1507	8.3	49 8.21	3.7892	0.0339	38 33 30.3	14.837	0.378	80.9	354 368	38 594
1508	9.4	49 14.88	3.7821	0.0335	38 15 50.6	14.830	0.378	81.5	340 493 498	38 595
1509	8.6	49 22.57	3.7570	0.0324	37 15 2.8	14.823	0.376	80.1	110 129	37 667
1510	9.2	49 27.60[2]	3.7185	0.0306	35 39 9.9	14.818	0.372	90.2 88.2	5 Beob.[2]	35 595
1511	9.4	2 49 39.77	+3.7407	+0.0315	+36 32 54.2	+14.806	−0.374	88.7	95 570 577	36 608
1512	8.6	49 50.93	3.7098	0.0301	35 14 15.3	14.795	0.372	85.0	68 504 560	35 596
1513	8.4	49 58.14	3.7918	0.0338	38 32 48.8	14.787	0.380	79.9	84 86	38 598
1514	6.2	50 7.29	3.7811	0.0333	38 6 38.7	14.778	0.379	80.0	92 105	38 599
1515	8.7	50 13.00	3.8143	0.0348	39 22 37.1	14.773	0.383	79.9	57 71	39 677
1516	8.4	2 50 26.89	+3.8047	+0.0343	+38 58 47.9	+14.759	−0.382	81.5	340 493 498	38 600
1517	9.2	50 45.00	3.8213	0.0350	39 34 9.8	14.741	0.384	79.9	57 71	39 680
1518	5.2	50 46.46	3.8106	0.0345	39 9 38.4	14.740	0.383	88.0 88.3	15 Beob.[3]	39 681
1519	8.4	50 50.74	3.7884	0.0335	38 17 54.9	14.736	0.381	81.5	340 493 498	38 601
1520	9.0	50 56.70[4]	3.7090	0.0299	35 3 49.7	14.730	0.373	90.2 88.2	5 Beob.[4]	34 548
1521	7.3	2 50 59.91	+3.7787	+0.0330	+37 54 2.9	+14.726	−0.380	87.2	349 485 586 607	37 671
1522	9.2	51 18.89	3.8178	0.0348	39 21 51.5	14.708	0.385	80.0	92 105	39 683
1523	8.9	51 19.84	3.8292	0.0353	39 47 18.0	14.707	0.386	86.5	84 86 610 613	39 684
1524	8.5	51 38.93	3.7677	0.0324	37 22 39.5	14.688	0.381	88.7	95 570 577	37 673
1525	8.8	51 42.66	3.8408	0.0357	40 10 4.0	14.684	0.388	79.9	57 71	40 640
1526	8.1	2 51 47.65[5]	+3.7060	+0.0296	+34 49 42.9	+14.679	−0.375	87.6 85.0	68 504 560	*34 552*
1527	9.2	52 4.90	3.8085	0.0341	38 54 37.9	14.662	0.385	81.9	493 498	[38 605]
1528	9.0	52 7.86	3.8029	0.0339	38 41 25.7	14.659	0.385	88.7	84 586 607	38 606
1529	8.9	52 9.09	3.7580	0.0318	36 55 37.4	14.658	0.380	81.4	349 485	36 610
1530	6.8	52 17.28	3.7762	0.0326	37 37 56.9	14.650	0.382	81.1	367 380	37 675
1531	9.2	2 52 17.97	+3.8104	+0.0342	+38 57 12.8	+14.649	−0.386	87.0 89.0	340 621 M 265δ	38 607
1532	9.0	52 19.77	3.8256	0.0349	39 31 22.7	14.647	0.388	86.5	92 105 610 613	39 685
1533	8.7	52 22.07	3.8118	0.0342	38 59 45.5	14.645	0.386	81.0	374 377	38 608
1534	9.4	52 22.41	3.7528	0.0315	36 41 24.8	14.644	0.380	80.7	110 129 371 487	36 611
1535	9.1	52 26.57	3.7719	0.0324	37 26 30.2	14.640	0.382	81.0	354 368	37 676
1536	9.1	2 52 27.88	+3.8232	+0.0347	+39 24 46.4	+14.639	−0.388	86.5	84 86 570 577	39 686
1537	9.4	52 28.32	3.7562	0.0317	36 48 45.2	14.639	0.381	81.5	371 487	36 613
1538	9.5	52 31.17	3.7818	0.0328	37 49 24.8	14.636	0.383	81.4	354 368	37 678
1539	8.5	52 32.06	3.8144	0.0343	39 4 23.7	14.635	0.387	81.5	340 493 498	38 609
1540	7.7	52 32.65	3.7337	0.0307	35 53 23.9	14.634	0.377	80.1	110 129	35 602
1541	8.8	2 52 44.52	+3.7172	+0.0299	+35 10 50.7	+14.622	−0.377	80.6	90 95 508	35 603
1542	8.4	52 49.73	3.7175	0.0299	35 10 56.3	14.617	0.377	89.7	68 560 586 607	35 604
1543	7.0	52 53.37	3.8383	0.0354	39 55 8.8	14.614	0.390	79.9	57 71	39 687
1544	8.4	52 53.61	3.8075	0.0339	38 45 52.5	14.613	0.387	80.0	86[6] 92 105	38 611
1545	8.7	52 55.58	3.8146	0.0342	39 1 52.3	14.611	0.387	81.0	374 377	38 612
1546	8.3	2 53 11.75	+3.7265	+0.0302	+35 30 44.2	+14.595	−0.379	81.4	349 485	35 605
1547	8.2	53 18.69	3.7312	0.0304	35 41 23.4	14.588	0.380	80.0	90 95	35 606
1548	8.7	53 21.13	3.8358	0.0351	39 45 55.1	14.586	0.390	79.9	84 86	39 692
1549	9.3	53 26.24	3.8022	0.0335	38 29 39.2	14.581	0.387	81.0	354 368	38 613
1550	7.2	53 26.79	3.7300	0.0303	35 37 13.5	14.580	0.380	88.2	5 Beob.[7]	35 607

[1] Z. 340 354 368(δ½) 493 498 [2] Z. 68[27s.23] 508 560 570(obl.) 577 [3] Z. 367 610 613 621; M 159 162 163 164 219 265δ 268 270 271 272 273 [4] Z. 68 [56s.33] 508 560 570 577 [5] Z. 68 [47s.26] [6] *a* Gew. ½ [7] Z. 68 504 560 570 577

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1551	8.0	2h 53m 33s.63	+3s.8393	+0s.0352	+39° 51' 59".9	+14".573	−0".391	79.9	57 71	39° 693
1552	8.8	53 41.62	3.7731	0.0322	37 19 50.4	14.565	0.385	80.1	110 129	37 682
1553	9.4	53 44.40	3.8177	0.0342	39 2 26.3	14.563	0.389	81.5	340 493 498	38 614
1554	6.3	53 55.67	3.8009	0.0334	38 22 53.0	14.551	0.388	81.0	374 377	38 617
1555	8.6	53 55.74	3.8190	0.0342	39 3 58.2	14.551	0.390	80.0	92 105	38 616
1556	9.1	2 54 20.95[1]	+3.7202	+0.0297	+35 6 13.3	+14.526	−0.380	90.3 88.2	5 Beob.[1]	35 610
1557	8.7	54 34.98	3.7729	0.0320	37 12 40.3	14.512	0.386	80.1	110 129	37 685
1558	9.2	54 38.64	3.7872	0.0326	37 46 0.0	14.508	0.388	79.9	57 71	[37 686]
1559	9.5	54 45.35	3.7702	0.0318	37 4 56.3	14.501	0.386	81.4	349 485	37 687
1560	8.7	54 50.71	3.7796	0.0322	37 26 18.3	14.496	0.387	80.0	90 95	37 688
1561	9.5	2 55 3.03	+3.8443	+0.0351	+39 51 36.3	+14.483	−0.394	80.0	92 105	39 696
1562	9.5	55 34.03	3.8069	0.0333	38 23 59.1	14.452	0.391	79.9	84 86	38 622
1563	7.3	55 35.17	3.7943	0.0327	37 55 3.0	14.451	0.390	81.0	354 368	37 692
1564	9.1	55 37.12	3.7446	0.0305	35 56 54.7	14.449	0.385	86.5	90 95 570 577	35 615
1565	8.6	55 40.69	3.7679	0.0315	36 52 28.4	14.446	0.387	80.3	110 129 349	36 624
1566	7.7	2 55 43.78[2]	+3.7449	+0.0305	+35 57 1.6	+14.442	−0.385	90.3 88.2	5 Beob.[2]	35 616
1567	9.1	55 45.83	3.7885	0.0324	37 40 17.5	14.440	0.390	81.5	371 487	37 693
1568	8.7	56 1.39	3.8223	0.0339	38 55 24.4	14.425	0.394	80.0	92 105	38 624
1569	8.7	56 1.77	3.7696	0.0315	36 53 53.2	14.424	0.388	89.3	485 610 613	36 625
1570	9.3	56 2.73	3.7999	0.0329	38 4 22.0	14.423	0.391	81.5	340 493 498	37 694
1571	6.9	2 56 13.46	+3.7879	+0.0323	+37 35 17.4	+14.412	−0.390	81.0	354 368	37 696
1572	6.9	56 24.33	3.8475	0.0350	39 48 7.7	14.401	0.397	79.8	57 71	39 699
1573	8.6	56 30.62	3.7259	0.0296	35 4 55.6	14.395	0.385	80.0	90 95	35 618
1574	9.2	56 33.34[3]	3.7220	0.0294	34 54 44.2	14.392	0.384	90.3 88.2	5 Beob.[3]	34 566
1575	9.0	56 44.39	3.8194	0.0336	38 43 19.7	14.381	0.394	80.0	92 105	38 628
1576	8.3	2 56 48.21	+3.8283	+0.0340	+39 2 51.1	+14.377	−0.395	81.5	340 493 498	38 629
1577	9.5	56 52.47	3.7410	0.0301	35 38 59.1	14.373	0.387	87.1	349 485 586 607	35 619
1578	9.0	56 58.29	3.7917	0.0323	37 38 40.3	14.367	0.392	81.5	371 487	37 697
1579	**var.**	**57 10.30**	**3.8110**	**0.0331**	**38 21 15.2**	**14.354**	**0.394**		**Fund. Cat.**	**38 630**
1580	9.0	57 13.47	3.8363	0.0343	39 17 27.7	14.351	0.397	86.5	84 86 610 613	39 701
1581	6.8	2 57 16.36	+3.8586	+0.0353	+40 5 34.5	+14.348	−0.399	79.8	57 71	40 664
1582	7.5	57 24.79	3.8335	0.0341	39 9 51.1	14.340	0.397	80.0	92 105	39 702
1583	7.2	57 43.00	3.7600	0.0308	36 18 40.3	14.321	0.390	82.8 80.2	5 Beob.[4]	36 628
1584	9.5	57 47.24	3.8553	0.0350	39 54 42.0	14.318	0.400	91.9	11 Beob.[5]	39 704
1585	9.5	57 50.21	3.7430	0.0301	35 36 56.9	14.314	0.389	86.0	349 485 570 577	35 621
1586	9.5	2 57 51.70	+3.8557	+0.0350	+39 54 58.3	+14.312	−0.400	86.1 84.4	5 Beob.[6]	39 705
1587	8.5	57 52.08	3.8512	0.0348	39 45 11.0	14.312	0.400	79.9	84 86	39 706
1588	8.6	58 4.40	3.7861	0.0319	37 17 31.6	14.299	0.393	93.0	586 607	37 702
1589	8.2	58 6.76	3.7814	0.0317	37 6 16.4	14.297	0.393	80.1	110 129	37 703
1590	8.5	58 36.36	3.8094	0.0328	38 6 56.9	14.267	0.397	79.9	84 86	38 634
1591	8.7	2 58 41.61	+3.7294	+0.0293	+34 57 36.7	+14.261	−0.389	86.0 85.0	68[7] 508 560	34 574
1592	8.7	58 42.13	3.8296	0.0336	38 51 32.8	14.261	0.399	80.0	92 105	38 635
1593	9.0	59 2.99	3.7312	0.0293	34 59 20.9	14.239	0.389	80.1	110 129	34 577
1594	9.5	59 11.43	3.8349	0.0338	38 59 32.8	14.231	0.400	89.3	498 570 577	[38 636]
1595	8.0	59 15.02	3.8550	0.0347	39 43 3.6	14.227	0.402	79.9	57 71	39 712
1596	9.5	2 59 20.04	+3.8345	+0.0337	+38 57 35.1	+14.222	−0.400	88.3	340 493 R(2)	38 637
1597	7.9	59 25.08	3.7913	0.0318	37 19 34.2	14.217	0.396	80.0	90 95	37 705
1598	8.7	59 31.05	3.8282	0.0334	38 42 30.6	14.210	0.400	80.0	92 105	38 639
1599	7.7	59 31.64	3.8254	0.0333	38 36 11.2	14.210	0.400	79.9	84 86	38 640
1600	8.6	59 32.18	3.7376	0.0295	35 11 36.6	14.209	0.391	80.0	90 95 110 129	35 623

[1] Z. 68[20s.56] 508 560 570 577 [2] Z. 68[43s.39] 504 560 586 607 [3] Z. 68[32s.78] 508 560 570 577
[4] Z. 68 90 95 504 560*a* [5] Z. 57 71 610 613; M 320 322 323 324; R(3) [6] Z. 340 493 498 610*a* 613
[7] *a* Gew. ½

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
1601	8.0	2h 59m 33s.93	+3s.8529	+0s.0345	+39° 36′ 5″.5	+14″.207	−0″.403	79.9	57 71	39° 713
1602	8.4	59 36.32	3.7611	0.0305	36 7 30.7	14.205	0.393	81.4	349 485	36 631
1603	7.3	59 44.67	3.7619	0.0305	36 8 25.0	14.196	0.394	89.6[1]	7 Beob.[2]	36 632
1604	9.1	59 52.25	3.7685	0.0307	36 23 8.1	14.189	0.394	85.0	354 368 M 268	36 634
1605	9.0	3 0 2.09	3.7955	0.0319	37 24 51.0	14.178	0.397	81.0	374 377	37 707
1606	9.3	3 0 3.84	+3.8636	+0.0348	+39 55 25.6	+14.177	−0.405	81.5	340 493 498	39 714
1607	9.4	0 6.70	3.7434	0.0296	35 21 29.4	14.174	0.392	81.4	349 485	35 627
1608	8.5	0 8.33	3.7461	0.0298	35 27 52.0	14.172	0.393	81.5	371 487	35 628
1609	9.5	0 15.02	3.8118	0.0325	38 0 24.1	14.165	0.400	88.2	5 Beob.[3]	37 709
1610	9.4	0 16.60	3.8158	0.0326	38 9 7.6	14.163	0.400	80.0	92 105	38 644
1611	...[4]	3 0 26.42	+3.8305	+0.0333	+38 40 47.3	+14.153	−0.402	86.5	84 86 611 622	38 645
1612	8.6	0 44.73	3.8099	0.0323	37 52 26.5	14.134	0.400	80.1	133 137	37 710
1613	8.8	0 49.20	3.7551	0.0300	35 44 34.4	14.130	0.395	80.0	100 107	35 630
1614	9.1	0 52.23	3.7825	0.0311	36 48 52.5	14.127	0.397	81.9	483 490	36 637
1615	8.4	0 53.19	3.7761	0.0308	36 33 51.0	14.126	0.397	89.8	121 578 602 608	36 638
1616	8.8	3 0 56.37	+3.7364	+0.0292	+34 58 41.5	+14.122	−0.393	79.9	75 79	34 585
1617	8.7	1 3.83	3.7865	0.0313	36 56 51.4	14.114	0.398	89.0	381 611 622	36 639
1618	8.8	1 15.39	3.8140	0.0324	37 57 54.6	14.103	0.401	80.1	133 137	37 713
1619	8.8	1 19.39	3.8286	0.0330	38 30 3.4	14.098	0.403	79.9	57 71	38 649
1620	8.7	1 23.68	3.8430	0.0336	39 1 11.4	14.094	0.405	87.8	5 Beob.[5]	38 650
1621	7.2	3 1 33.18	+3.7848	+0.0311	+36 49 20.8	+14.084	−0.399	80.7	121 381 390	36 640
1622	9.4	1 39.54	3.7442	0.0294	35 12 35.7	14.078	0.395	80.0	100 107	35 632
1623	9.3	1 50.91	3.7778	0.0307	36 30 57.1	14.066	0.399	81.9	483 490	36 642
1624	8.4	2 6.86	3.7696	0.0303	36 9 46.6	14.049	0.398	81.9	483 490	36 643
1625	7.4	2 7.18	3.8141	0.0322	37 52 0.8	14.049	0.403	80.0	92 105	37 715
1626	9.0	3 2 7.39	+3.8246	+0.0327	+38 15 32.9	+14.049	−0.404	79.9	57 71	38 653
1627	8.2	2 17.34	3.8411	0.0333	38 50 43.8	14.038	0.406	79.9	84 86	38 655
1628	8.8	2 28.11	3.7417	0.0291	35 0 54.1	14.027	0.396	79.9	75 79	34 589
1629	9.1	2 31.76	3.7691	0.0302	36 5 41.5	14.023	0.399	80.1	117 121 133 137	36 645
1630	9.4	2 35.97	3.7575	0.0298	35 38 0.7	14.019	0.398	79.9	75 79	35 636
1631	8.9	3 2 35.98	+3.7662	+0.0301	+35 58 28.9	+14.019	−0.399	80.0	100 107	35 635
1632	9.4	2 50.31	3.7685	0.0301	36 2 9.4	14.004	0.400	93.0	578 602 608	35 638
1633	9.1	2 50.43	3.8538	0.0338	39 14 15.6	14.004	0.408	79.9	57 71	39 723
1634	5.1	3 13.54	3.8523	0.0336	39 8 6.9	13.980	0.409	88.9	9 Beob.[6]	39 724
1635	7.5	3 25.07	3.8109	0.0319	37 35 35.7	13.968	0.405	80.0	92 105	37 719
1636	8.5	3 3 28.76	+3.8131	+0.0319	+37 40 5.7	+13.964	−0.405	87.1	381 390 611 622	37 721
1637	9.2	3 29.23	3.8190	0.0321	37 53 13.5	13.963	0.406	80.1	133 137	37 720
1638	9.5	3 32.40	3.7565	0.0295	35 28 57.9	13.960	0.399	89.0	107 578 602 608	35 639
1639	8.7	3 34.55	3.8675	0.0342	39 38 20.0	13.958	0.411	79.9	84 86	39 726
1640	9.5	3 43.47	3.7709	0.0301	36 1 37.6	13.948	0.401	81.9	483 490	35 641
1641	9.4	3 3 45.15	+3.8543	+0.0336	+39 8 43.8	+13.947	−0.410	80.0	92 105	39 727
1642	7.9	3 46.91	3.7991	0.0312	37 6 31.2	13.945	0.404	81.5	340 493 498	37 722
1643	8.5	3 57.04	3.8252	0.0323	38 3 49.0	13.934	0.407	81.5	381 390 483 490	37 723
1644	8.9	3 59.18	3.7612	0.0296	35 37 1.3	13.932	0.401	86.5	75 79 611 622	35 643
1645	7.5[7]	4 13.78	3.7909	0.0308	36 44 38.5	13.917	0.404	80.1	117 121	36 650
1646	9.0	3 4 21.19	+3.8854	+0.0348	+40 10 23.5	+13.909	−0.414	87.3	57 M 320	40 689
1647	9.0	4 23.77	3.7857	0.0305	36 31 21.8	13.906	0.404	80.1	117 121	36 651
1648	8.6	4 34.62	3.7902	0.0307	36 40 40.0	13.895	0.405	86.5	75 79; M 268 269	36 652
1649	8.8	4 41.09	3.8149	0.0317	37 35 51.6	13.888	0.407	80.1	133 137	37 725
1650	9.1	4 41.39	3.8096	0.0315	37 23 49.2	13.888	0.407	89.0	381 611 622	37 726

[1] E.B. +0s.022 −0″.24 (Porter) [2] Z. 367 380 610 613; M 268 269 270 [3] Z. 354 368 578 602 608
[4] Dpl. 9.3 9.3 10″ med. [5] Z. 84 86 578 602 608 [6] Z. 611 622; M 50 150 158 268 269 270 271 [7] Dpl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1651	9.2	3^h $4^m 48^s.15$	$+3^s.7937$	$+0^s.0308$	+36° 47′ 5″.0	$+13''.880$	$-0''.405$	89.8	107 578 602 608	36° 654
1652	8.4	4 59.45	3.7948	0.0308	36 48 12.3	13.868	0.406	84.7	100 354 M268	36 655
1653	8.6	5 0.46	3.8392	0.0327	38 27 13.5	13.868	0.410	79.9	84 86	38 661
1654	8.3	5 4.75	3.8407	0.0327	38 30 3.5	13.863	0.411	84.4	340 493 498 M270	38 662
1655	9.5	5 6.01	3.8770	0.0343	39 47 32.1	13.862	0.415	81.9	483 490	39 731
1656	8.3	3 5 8.24	+3.8578	+0.0334	+39 6 32.9	+13.859	−0.413	79.9	57 71	39 732
1657	8.6	5 21.73	3.8415	0.0327	38 29 46.2	13.845	0.411	81.5	340 493 498	38 666
1658	8.4	5 23.05	3.8748	0.0341	39 40 56.5	13.844	0.415	80.0	92 105	39 733
1659	8.7	5 30.96	3.8470	0.0329	38 40 37.4	13.835	0.412	93.0	611 622	} 38 667
1660	8.9	5 31.77	3.8470	0.0329	38 40 30.0	13.834	0.412	81.0	354 368	
1661	9.5	3 5 32.63	+3.8670	+0.0337	+39 23 24.3	+13.833	−0.414	81.9	483 490	39 734
1662	8.8	5 32.77	3.7803	0.0301	36 11 8.7	13.833	0.405	80.1	117 121	36 656
1663	9.2	5 37.89	3.7727	0.0298	35 52 54.2	13.828	0.404	80.0	100 107	35 646
1664	9.1	5 44.92	3.8418	0.0326	38 27 47.6	13.820	0.412	87.1	381 M268	38 668
1665	9.3	5 48.10	3.8041	0.0310	37 3 46.7	13.817	0.408	81.9	493[1] 498	36 660
1666	8.3	3 5 51.39	+3.7679	+0.0296	+35 40 13.8	+13.814	−0.404	79.9	75 79	35 647
1667	8.8	5 54.51	3.8872	0.0345	40 3 8.1	13.810	0.417	87.8	5 Beob.[2]	39 735
1668	8.4	5 56.57	3.8781	0.0341	39 43 54.8	13.808	0.416	79.9	84 86	39 736
1669	7.0	6 1.26	3.8760	0.0340	39 38 58.5	13.803	0.416	80.0	92 105	39 737
1670	7.9	6 2.97	3.8086	0.0312	37 12 14.6	13.801	0.410	80.1	133 137	37 731
1671	8.7	3 6 37.45	+3.8721	+0.0337	+39 26 29.8	+13.765	−0.417	79.9	57 71	39 738
1672	8.9	7 8.02	3.7610	0.0291	35 15 22.1	13.732	0.406	79.9	75 79	35 651
1673	7.9	7 16.00	3.8016	0.0305	36 48 6.4	13.724	0.410	80.0	100 107	36 664
1674	9.1	7 17.60	3.8223	0.0315	37 34 22.2	13.722	0.412	80.0	84 86 92 105	37 736
1675	7.7	7 21.94	3.7810	0.0298	36 0 31.8	13.718	0.408	79.9	75 79	35 653
1676	9.2[3]	3 7 30.10	+3.8403	+0.0321	+38 12 21.7	+13.709	−0.415	79.9	84 86	38 677
1677	9.3	7 34.16	3.8263	0.0316	37 41 9.7	13.705	0.413	81.9	483 490	37 738
1678	7.9	7 39.45	3.8365	0.0320	38 3 3.7	13.699	0.415	80.6	133 137 381 390	37 739
1679	8.0	7 52.33	3.7880	0.0300	36 13 8.0	13.685	0.410	80.1	117 121	36 666
1680	9.0	7 58.05	3.8226	0.0313	37 30 23.9	13.679	0.414	81.9	483 490	37 740
1681	9.1	3 8 2.36	+3.7971	+0.0303	+36 32 45.2	+13.675	−0.411	81.1	381 390	36 667
1682	8.2	8 18.68	3.7874	0.0299	36 8 48.9	13.657	0.410	80.1	117 121	36 669
1683	9.1	8 19.31	3.8720	0.0333	39 14 41.0	13.656	0.419	79.9	57 71	39 741
1684	8.9	8 21.85	3.7660	0.0290	35 19 2.4	13.654	0.408	80.0	100 107	35 656
1685	8.5	8 27.99	3.8529	0.0325	38 32 59.7	13.647	0.418	80.0	92 105	38 681
1686	7.0	3 8 29.77	+3.8425	+0.0320	+38 10 17.8	+13.645	−0.417	81.5	340 493 498	38 682
1687	9.3	8 41.62	3.8651	0.0330	38 57 34.9	13.633	0.419	88.4	5 Beob.[4]	38 683
1688	9.2	8 54.38	3.8370	0.0317	37 55 36.4	13.619	0.417	80.1	133 137	37 744
1689	8.7	8 58.46	3.8162	0.0308	37 9 19.8	13.615	0.414	80.0	100 107	37 745
1690	7.1[5]	9 1.65	3.8967	0.0342	40 1 13.6	13.611	0.423	93.0	578 602 608[6]	39 743
1691	9.1	3 9 5.70	+3.7727	+0.0292	+35 29 48.4	+13.607	−0.410	79.9	75 79	35 659
1692	8.5	9 9.90	3.8841	0.0337	39 34 14.2	13.602	0.422	79.9	84 86	39 744
1693	8.8	9 16.05	3.8655	0.0328	38 54 23.7	13.596	0.420	80.0	92 105	38 686
1694	8.8	9 21.61	3.8636	0.0327	38 49 44.9	13.590	0.420	81.9	483 490	38 687
1695	7.9	9 25.90	3.7840	0.0295	35 53 35.5	13.585	0.412	79.9	75 79	35 660
1696	6.4	3 9 39.67	+3.8463	+0.0319	+38 10 43.3	+13.570	−0.419	81.1	381 390	38 689
1697	6.3	9 40.05	3.8643	0.0327	38 49 18.8	13.570	0.421	80.0	92 105	38 690
1698	8.6	9 52.13	3.8777	0.0332	39 16 0.3	13.557	0.423	79.9	57 71	39 748
1699	8.5	10 8.57	3.8771	0.0331	39 12 55.1	13.540	0.423	79.9	84 86	39 749
1700	8.8	10 15.09	3.7989	0.0299	36 22 16.3	13.532	0.415	80.0	100 107	36 672

[1] Dpl. bor. pr. [2] Z. 57 71 578 602 608 [3] Dpl. seq. [4] Z. 483 490 578 602 608 [5] Dpl. austr. pr.
[6] Ausserdem: Z. 57 $7^m.0$ dpl. $1^s.52$ $14''.0$ (wohl ebenfalls Hauptstern); Z. 71 dpl. $5''$, 7.0 8.0, med. $1^s.69$ $16''.9$

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1701	9.1	3h 10m 21s.65	+3s.8400	+0s.0315	+37° 52′ 32″.9	+13″.525	−0″.419	80.1	133 137	37° 749
1702	9.5	10 22.58	3.7632	0.0286	34 59 19.0	13.524	0.411	81.9	483 490	34 616
1703	7.0	10 27.75	3.8438	0.0317	38 0 4.4	13.519	0.420	80.1	133 137	37 751
1704	8.4	10 27.77	3.8190	0.0307	37 5 53.5	13.519	0.417	80.1	117 121	37 752
1705	6.9	10 28.80	3.8294	0.0311	37 28 37.2	13.517	0.418	80.1	117 121	37 753
1706	9.1	3 10 42.53	+3.8004	+0.0299	+36 22 36.8	+13.503	−0.416	93.0	578 602 608	36 673
1707	8.5	10 44.00	3.7668	0.0286	35 5 21.7	13.501	0.412	79.9	75 79	35 663
1708	8.8	10 44.99	3.8520	0.0319	38 15 43.0	13.500	0.421	79.9	84 86	38 692
1709	9.0	11 0.30	3.8943	0.0336	39 42 50.4	13.484	0.426	86.5	57 71 611 622	39 752
1710	8.4	11 8.42	3.8265	0.0308	37 17 54.5	13.475	0.419	80.1	133 137	37 756
1711	8.0	3 11 13.41	+3.8629	+0.0323	+38 35 57.8	+13.469	−0.423	80.0	92 105	38 693
1712	8.1	11 29.53	3.8038	0.0300	36 25 9.3	13.452	0.417	80.1	117 121	36 676
1713	9.5	11 31.03	3.7893	0.0293	35 52 5.4	13.450	0.416	81.9	483 490	35 666
1714	8.9	11 37.08	3.9054	0.0340	40 1 30.1	13.444	0.428	79.9	57 71	39 755
1715	8.7	11 49.27	3.7684	0.0285	35 2 14.2	13.431	0.414	87.8	5 Beob. [1]	34 623
1716	9.1	3 12 0.14	+3.8804	+0.0329	+39 7 34.7	+13.419	−0.426	79.9	84 86	39 757
1717	8.8	12 11.74	3.7874	0.0291	35 43 29.2	13.406	0.017	86.5	100 107 611 622	35 668
1718	8.8	12 15.62	3.8483	0.0315	37 57 47.4	13.403	0.423	80.0	92 105	37 757
1719	8.8	12 24.77	3.8015	0.0296	36 14 4.8	13.392	0.419	80.1	133 137	36 678
1720	9.2	12 29.96	3.8057	0.0298	36 22 49.9	13.387	0.419	80.1	117 121	36 679
1721	9.3	3 12 47.41	+3.8604	+0.0319	+38 20 20.6	+13.367	−0.425	80.0	92 105	38 698
1722	8.4	12 48.19	3.8631	0.0320	38 25 51.4	13.367	0.426	79.9	57 71	38 699
1723	8.0	13 11.80	3.8596	0.0317	38 15 53.2	13.341	0.426	79.9	84 86	38 701
1724	9.0	13 15.24	3.7929	0.0291	35 49 15.2	13.337	0.419	87.8	5 Beob. [2]	35 669
1725	8.9	13 21.83	3.7775	0.0285	35 13 25.1	13.330	0.417	80.0	100 107	35 670
1726	9.4	3 13 28.06	+3.8799	+0.0325	+38 56 52.4	+13.323	−0.429	81.9	483 490	38 702
1727	8.6	13 33.85	3.8857	0.0327	39 8 13.7	13.317	0.430	79.9	57 71	39 764
1728	9.3	13 48.76	3.8761	0.0323	38 46 39.8	13.301	0.429	80.1	133 137	38 704
1729	9.3	13 56.47	3.7788	0.0285	35 12 49.4	13.292	0.418	79.9	75 79	35 673
1730	8.7	14 5.42	3.9082	0.0335	39 50 46.9	13.282	0.433	79.9	84 86	39 765
1731	8.7	3 14 7.01	+3.7819	+0.0285	+35 18 45.9	+13.281	−0.419	80.0	100 107	35 674
1732	9.3	14 14.25	3.8724	0.0320	38 36 4.6	13.273	0.429	81.2	92 483 490	38 706
1733	9.0	14 16.53	3.9002	0.0331	39 33 19.4	13.270	0.432	89.8	105 578 602 608	39 766
1734	9.2	14 17.61	3.8883	0.0326	39 8 51.5	13.269	0.431	81.1	381 390	39 767
1735	8.0	14 39.87	3.8553	0.0312	37 57 10.3	13.245	0.428	80.1	133 137	37 759
1736	8.8	3 14 48.27	+3.8174	+0.0297	+36 34 13.6	+13.235	−0.424	93.0	578 602 608	36 684
1737	9.1	14 52.45	3.8810	0.0322	38 49 57.4	13.231	0.431	80.0	92 105	38 707
1738	8.2	14 52.60	3.8352	0.0304	37 12 40.5	13.231	0.426	80.1	117 121	37 760
1739	8.4	14 53.44	3.8662	0.0316	38 18 51.4	13.230	0.430	81.9	483 490	38 708
1740	8.3	14 56.88	3.9071	0.0332	39 43 3.1	13.226	0.434	86.5	57 71 611 622	39 770
1741	9.4	3 15 1.73	+3.9099	+0.0333	+39 48 6.4	+13.221	−0.434	79.9	84 86	39 771
1742	8.8	15 16.93	3.7851	0.0284	35 18 47.6	13.204	0.421	79.9	75 79	35 676
1743	8.9	15 17.27	3.8681	0.0316	38 20 21.2	13.204	0.430	81.9	483 490	38 712
1744	9.0	15 23.24	3.8009	0.0290	35 53 55.7	13.197	0.423	80.0	100 107	35 677
1745	8.5	15 35.54	3.8904	0.0324	39 4 53.1	13.184	0.433	79.9	84 86	39 774
1746	8.3	3 15 39.51	+3.9233	+0.0337	+40 10 53.2	+13.179	−0.437	87.8	5 Beob. [3]	40 728
1747	9.4	16 9.16	3.7943	0.0286	35 34 21.2	13.147	0.423	80.1	100 107 117	35 680
1748	8.5	16 12.04	3.7809	0.0281	35 3 42.4	13.144	0.422	79.9	75 79	34 637
1749	8.6	16 14.48	3.7877	0.0284	35 18 55.3	13.141	0.423	80.1	117 121	35 681
1750	7.2	16 15.55	3.9077	0.0330	39 35 52.2	13.140	0.436	80.0	92 105	39 775

[1] Z. 75 79 578 602 608 [2] Z. 75 79 578 602 608 [3] Z. 57 71 578 602 608

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1751	9.1	3h 16m 17s.98	+3s.8280	+0s.0298	+36° 48' 14".8	+13".137	−0".427	80.1	133 137	36° 687
1752	8.5	16 24.80	3.7811	0.0281	35 2 54.6	13.129	0.422	79.9	75 79	34 639
1753	7.2	16 46.16	3.9147	0.0331	39 46 37.0	13.106	0.438	79.9	57 71	39 778
1754	8.6	16 53.98	3.9130	0.0330	39 42 23.3	13.097	0.438	79.9	84 86	39 780
1755	8.9	16 54.96	3.8443	0.0304	37 19 40.6	13.096	0.430	80.1	133 137	37 762
1756	9.1	3 16 56.41	+3.8511	+0.0306	+37 34 1.5	+13.095	−0.431	81.2	381 390	37 763
1757	9.1	17 2.48	3.8178	0.0293	36 21 21.6	13.088	0.427	81.9	483 490	36 688
1758	9.0	17 5.52	3.8813	0.0317	38 36 25.8	13.085	0.435	80.0	92 105	38 717
1759	7.7	17 13.71	3.8494	0.0305	37 28 29.1	13.075	0.431	81.4	340 498	37 765
1760	9.5	17 20.20	3.8494	0.0305	37 27 48.2	13.068	0.432	90.1	381 578 602 608	37 766
1761	9.5	3 17 24.62	+3.7973	+0.0285	+35 33 23.0	+13.063	−0.426	81.9	483 490	35 682
1762	8.4	17 25.48	3.7978	0.0285	35 34 25.6	13.063	0.426	80.0	100 107	35 683
1763	9.5	17 28.56	3.7943	0.0284	35 26 12.2	13.059	0.426	81.4	340 498	35 684
1764	8.9	17 36.76	3.9247	0.0333	40 1 21.5	13.050	0.440	79.9	57 71	39 782
1765	8.3	17 42.42	3.8468	0.0303	37 20 4.2	13.044	0.432	80.1	133 137	37 767
1766	9.0	3 17 43.62	+3.8825	+0.0317	+38 35 4.7	+13.042	−0.436	80.0	92 105	38 720
1767	7.1	17 47.42	3.8603	0.0308	37 48 5.3	13.038	0.433	81.2	381 390	37 768
1768	8.8	17 55.65	3.8084	0.0288	35 54 59.8	13.029	0.428	87.8	5 Beob.[1]	35 685
1769	8.3	18 9.15	3.8850	0.0317	38 37 31.8	13.014	0.437	81.4	340 498	38 722
1770	8.2	18 12.23	3.9264	0.0333	40 1 0.4	13.011	0.442	79.9	84 86	39 784
1771	8.0	3 18 21.72	+3.8275	+0.0294	+36 34 19.8	+13.000	−0.431	80.1	100 107 117 121	36 689
1772	8.4	18 31.44	3.9315	0.0334	40 9 0.4	12.989	0.442	79.9	57 71	40 748
1773	8.9	18 44.54	3.8092	0.0287	35 51 40.1	12.975	0.429	80.0	100 107	35 689
1774	9.4	18 52.10	3.9291	0.0332	40 2 4.6	12.966	0.443	79.9	84 86	39 785
1775	8.8	19 7.86	3.9191	0.0328	39 40 38.0	12.949	0.443	80.0	92 105	39 786
1776	9.0	3 19 10.43	+3.8945	+0.0318	+38 50 36.4	+12.946	−0.439	81.9	483 490	38 724
1777	8.5	19 20.37	3.8745	0.0310	38 8 18.7	12.935	0.437	81.2	381 390	38 726
1778	7.4	19 21.32	3.8593	0.0304	37 36 22.1	12.934	0.436	80.1	133 137	37 771
1779	9.0	19 21.34	3.7881	0.0278	35 1 4.3	12.934	0.428	79.9	75 79	34 652
1780	9.3	19 23.90	3.8132	0.0287	35 56 42.3	12.931	0.431	80.1	117 121	35 691
1781	9.3	3 19 31.70	+3.8119	+0.0286	+35 53 8.2	+12.922	−0.431	80.0	100 107	35 692
1782	9.2	20 4.73	3.8040	0.0282	35 32 12.8	12.885	0.431	79.9	75 79	35 693
1783	8.4	20 8.59	3.9184	0.0325	39 32 56.1	12.881	0.444	79.9	84 86	39 788
1784	9.1	20 12.73	3.8969	0.0317	38 49 6.2	12.876	0.440	87.8	5 Beob.[2]	38 729
1785	6.8	20 17.12	3.9245	0.0327	39 44 5.1	12.871	0.445	80.0	92 105	39 789
1786	9.2	3 20 26.77	+3.8510	+0.0299	+37 12 17.7	+12.861	−0.436	80.1	117 121	37 772
1787	8.6	20 32.39	3.8791	0.0309	38 10 37.0	12.854	0.440	80.0	92 105	38 731
1788	8.5	20 37.18	3.8366	0.0293	36 40 22.4	12.849	0.435	87.1	381 390 611 622	36 695
1789	9.1	20 39.95	3.8296	0.0290	36 24 53.5	12.846	0.434	80.1	133 137	36 694
1790	8.4	20 40.53	3.9403	0.0332	40 12 47.6	12.845	0.447	79.9	57 71	40 762
1791	8.7	3 20 40.63	+3.8089	+0.0283	+35 39 33.5	+12.845	−0.433	79.9	75 79	35 696
1792	9.5	20 41.02	3.8105	0.0284	35 43 2.1	12.845	0.433	81.9	483 490	35 695
1793	7.3	20 43.58	3.9263	0.0327	39 45 1.3	12.842	0.446	79.9	84[3] 86	39 790
1794	7.0	20 51.34	3.8017	0.0280	35 22 36.7	12.833	0.432	80.0	100 107	35 697
1795	8.4	20 53.77	3.7987	0.0279	35 15 33.0	12.831	0.431	80.1	117 121	35 698
1796	8.9	3 20 56.68	+3.8130	+0.0284	+35 46 56.1	+12.827	−0.433	81.2	381 390	35 699
1797	9.5	21 3.67	3.7965	0.0278	35 9 41.8	12.819	0.431	90.3	490 578 602 608	35 700
1798	7.9	21 13.91	3.9406	0.0331	40 9 58.5	12.808	0.448	86.5	57 71 611 622	40 763
1799	8.9	21 21.41	3.7994	0.0278	35 14 33.0	12.799	0.432	80.1	117 121	35 701
1800	8.7	21 25.23	3.8262	0.0288	36 13 4.4	12.795	0.435	80.1	133 137	36 696

[1] Z. 75 79 578 602 608 [2] Z. 133 137 578 602 608 [3] Dpl. 10"

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
1801	8.7	3^h 21^m 50^s.10	+3^s.8492	+0^s.0295	+37° 0′ 4″.8	+12″.767	−0″.438	86.6	107 622	36° 697
1802	9.5	21 52.38	3.8531	0.0297	37 8 3.5	12.765	0.439	88.6	5 Beob. [1]	37 774
1803	8.6	21 52.64	3.8488	0.0295	36 58 53.9	12.764	0.438	86.6	100 611	36 697
1804	8.7	22 0.83	3.9278	0.0324	39 40 10.4	12.755	0.448	79.9	57 71	39 795
1805	8.6	22 5.81	3.9025	0.0315	38 48 58.0	12.750	0.445	79.9	84 86	38 733
1806	var. [2]	3 22 5.99	+3.8013	+0.0278	+35 14 18.5	+12.749	−0.433	81.9	M 224 226	35 701^b
1807	7.2	22 10.08	3.8279	0.0287	36 12 21.9	12.745	0.436	80.1	117 121	36 698
1808	8.4	22 13.13	3.8167	0.0283	35 47 45.5	12.741	0.436	87.9	5 Beob. [3]	35 703
1809	8.9	22 23.79	3.9359	0.0326	39 53 40.0	12.729	0.449	79.9	84 86	39 799
1810	8.8	22 27.17	3.8176	0.0283	35 48 26.4	12.726	0.436	84.3	75 79 622	35 706
1811	8.4	3 22 51.09	+3.9166	+0.0318	+39 12 54.4	+12.699	−0.448	87.8	5 Beob. [4]	39 801
1812	9.5	22 54.73	3.8443	0.0291	36 43 16.1	12.694	0.440	81.9	483 490	36 699
1813	7.0	22 58.70	3.9022	0.0313	38 43 5.0	12.690	0.446	80.0	92 105	38 737
1814	8.9	23 25.19	3.8619	0.0297	37 17 34.1	12.660	0.442	80.0	100 107	37 779
1815	9.3	23 25.92	3.8540	0.0294	37 0 43.3	12.659	0.441	81.0	133 137 483 490	36 708
1816	9.3	3 23 36.29 [5]	+3.8918	+0.0307	+38 18 17.9	+12.647	−0.446	79.9 80.0	84 86 92 105	38 739
1817	8.2	23 38.26	3.8514	0.0292	36 54 7.1	12.645	0.441	80.1	117 121	36 710
1818	9.5	23 44.91	3.8521	0.0292	36 54 51.5	12.638	0.442	93.0	9 Beob. [6]	36 711
1819	7.9	23 46.57	3.8281	0.0284	36 3 18.1	12.636	0.439	79.9	75 79	35 708
1820	8.4	23 51.25	3.8562	0.0294	37 2 53.3	12.630	0.442	80.7	137 354 368	36 713
1821	8.5	3 23 52.66	+3.8424	+0.0289	+36 33 31.0	+12.629	−0.441	87.2	340 498 611 622	36 712
1822	9.4	23 55.69	3.8527	0.0292	36 55 1.6	12.626	0.442	87.2	381 628	36 714
1823	8.7	23 57.59	3.8575	0.0294	37 5 11.5	12.623	0.443	89.8	133 624 628 M 270	37 781
1824	9.1	23 57.64	3.8737	0.0300	37 38 54.7	12.623	0.445	79.9	57 71	37 780
1825	9.1	23 58.04	3.8666	0.0297	37 24 10.5	12.623	0.444	81.4	340 498	37 782
1826	9.0	3 24 7.36	+3.8542	+0.0292	+36 57 14.3	+12.612	−0.442	85.8	5 Beob. [7]	36 716
1827	8.9	24 8.05	3.8219	0.0281	35 47 54.2	12.612	0.439	80.0	100 107	35 711
1828	7.0	24 14.05	3.8741	0.0299	37 38 10.2	12.605	0.445	80.1	133 137	37 783
1829	8.9	24 37.20	3.8091	0.0275	35 17 4.9	12.578	0.438	81.9	483 490	35 713
1830	6.8	24 40.59	3.8079	0.0275	35 14 3.0	12.575	0.438	80.1	117 121	35 714
1831	6.6	3 24 42.80	+3.8025	+0.0273	+35 2 5.4	+12.572	−0.438	86.5	75 79 611 622	34 674
1832	9.4	24 44.90	3.9528	0.0328	40 12 26.0	12.570	0.455	87.8	5 Beob. [8]	40 777
1833	7.9	25 10.48	3.8020	0.0272	34 58 24.0	12.541	0.438	80.0	79 100 107	34 677
1834	9.5	25 16.60	3.8387	0.0285	36 17 33.8	12.534	0.442	81.9	483 490	36 721
1835	8.9	25 20.93	3.8017	0.0272	34 56 43.3	12.529	0.438	89.8	75 624 628 M 270	34 678
1836	6.0	3 25 21.00	+3.9321	+0.0318	+39 28 32.6	+12.529	−0.453	93.1	M 272 273 274	39 811
1837	7.2	25 32.25	3.8764	0.0298	37 35 21.1	12.516	0.447	80.1	133 137	37 786
1838	8.0	25 37.60	3.8704	0.0295	37 22 19.5	12.510	0.447	88.2	5 Beob. [9]	37 787
1839	8.6	25 37.94	3.9435	0.0322	39 49 12.5	12.509	0.455	79.9	84 86	39 812
1840	9.0	25 43.07	3.9526	0.0325	40 6 15.9	12.504	0.456	79.9	57 71	40 785
1841	7.5	3 25 50.41	+3.9155	+0.0311	+38 52 58.4	+12.495	−0.452	81.4	340 498	38 743
1842	9.4	25 51.82	3.8404	0.0284	36 17 49.9	12.493	0.443	89.1	384 624 628	36 723
1843	8.7	25 53.57	3.8485	0.0287	36 34 51.0	12.491	0.445	80.1	117 121	36 724
1844	9.2	25 57.70	3.8909	0.0302	38 2 36.8	12.487	0.449	85.6	354 368 M 322	37 788
1845	9.5	26 1.99	3.9327	0.0317	39 25 54.3	12.482	0.454	90.0	381 578 602 608	39 813
1846	9.0	3 26 7.48	+3.8234	+0.0278	+35 39 43.2	+12.476	−0.442	80.0	100 107	35 717
1847	9.1	26 8.20	3.8685	0.0293	37 15 26.5	12.475	0.447	85.0	354 368 611	37 789
1848	9.4	26 8.73	3.9453	0.0322	39 49 39.2	12.474	0.456	80.0	92 105	39 814
1849	9.3	26 19.07	3.9132	0.0309	38 45 35.5	12.462	0.453	81.9	483 490	38 744
1850	7.3	26 20.47	3.9476	0.0322	39 52 58.9	12.461	0.456	79.9	84 86	39 816

[1] Z. 483 490 578 602 608 [2] R Persei; 8.8 8.5 [3] Z. 75 79 624 628; M 270 [4] Z. 57 71 578 602 608
[5] Z. 84 [35^{s}83] [6] Z. 381 578 602 608; M 322 324; R(3) [7] Z. 354 368 390 611 622 [8] Z. 57 71 578 602 608
[9] Z. 387 391 611 622; M 253

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1851	9.0	3h 26m 27.s81	+3.s9015	+0.s0305	+38° 21′ 13.″6	+12.″452	−0.″451	81.4	340 498	38° 745
1852	7.8	26 34.23	3.9028	0.0305	38 23 7.0	12.445	0.452	81.4	340 498	38 747
1853	9.0	26 39.16	3.8890	0.0300	37 54 41.6	12.439	0.451	80.1	133 137	37 791
1854	8.9	26 39.81	3.8101	0.0272	35 7 45.0	12.438	0.441	93.0	578 602 608	35 719
1855	8.9	26 40.28	3.9228	0.0312	39 2 34.3	12.438	0.454	80.0	92 105	38 748
1856	8.9	3 26 44.70	+3.8049	+0.0270	+34 55 55.3	+12.433	−0.441	79.9	75 79	34 682
1857	7.4	26 56.56	3.8973	0.0302	38 9 54.9	12.419	0.452	87.1	387 391 611 622	38 749
1858	8.1	27 4.63	3.8809	0.0296	37 35 40.6	12.410	0.450	81.0	354 368	37 794
1859	8.3	27 9.53	3.9519	0.0322	39 56 30.2	12.405	0.458	79.9	57 71	39 818
1860	8.9	27 18.03	3.9156	0.0308	38 44 37.7	12.395	0.454	81.1	381 390	38 751
1861	8.2	3 27 28.46	+3.8103	+0.0270	+35 3 38.4	+12.383	−0.443	80.0	75 79 107	34 685
1862	8.8	27 29.65	3.9206	0.0309	38 53 25.2	12.382	0.455	80.0	92 105	38 753
1863	8.1	27 43.12	3.9300	0.0313	39 10 43.2	12.366	0.456	79.9	84 86	39 822
1864	8.5	27 45.25	3.8118	0.0271	35 5 28.8	12.364	0.443	80.0	100 107	35 723
1865	9.3	27 52.62	3.9512	0.0320	39 50 55.5	12.355	0.460	79.9	57 71	39 824
1866	9.2	3 28 4.99	+3.8860	+0.0296	+37 40 27.8	+12.341	−0.453	80.1	133 137	37 796
1867	9.4	28 9.87	3.9040	0.0302	38 16 22.3	12.335	0.454	90.2	483 578 602 608	38 759
1868	8.6	28 18.61	3.9193	0.0307	38 46 2.9	12.325	0.456	81.9	483 490	38 762
1869	9.4	28 37.91	3.8541	0.0284	36 31 10.4	12.303	0.450	80.0	100 107	36 729
1870	8.8	28 38.40	3.8899	0.0296	37 45 20.2	12.302	0.454	80.1	133 137	37 797
1871	9.4	3 28 56.53	+3.9382	+0.0313	+39 19 38.3	+12.282	−0.459	89.7	84 578 602 608	39 827
1872	9.4	29 4.35	3.8617	0.0285	36 44 51.1	12.273	0.451	80.1	117 121	36 730
1873	7.9	29 4.90	3.9634	0.0321	40 7 21.0	12.272	0.463	86.5	57 71 611 622	40 796
1874	7.0	29 7.23	3.9494	0.0316	39 40 27.1	12.269	0.462	80.0	92 105	39 829
1875	9.1	29 17.15	3.8645	0.0286	36 49 27.6	12.258	0.451	79.9	75 79	36 731
1876	8.5	3 29 30.75	+3.9000	+0.0298	+38 0 55.7	+12.242	−0.456	80.0	92 105	37 800
1877	8.6	29 40.73	3.8791	0.0290	37 17 21.8	12.231	0.454	80.1	117 121	37 802
1878	6.9	29 49.98	3.8716	0.0287	37 1 0.2	12.220	0.453	80.0	100 107	36 732
1879	9.3	30 2.15	3.8904	0.0293	37 38 33.9	12.206	0.455	80.1	133 137	37 803
1880	8.6	30 3.57	3.9247	0.0306	38 46 58.8	12.204	0.460	79.9	84 86	38 766
1881	9.3	3 30 9.78	+3.8367	+0.0275	+35 46 1.2	+12.197	−0.450	79.9	75 79	35 727
1882	9.1	30 26.30	3.9416	0.0311	39 17 57.3	12.178	0.462	79.9	57 71	39 833
1883	9.5	30 29.98	3.9374	0.0309	39 9 22.2	12.174	0.462	87.8	5 Beob. [1]	39 834
1884	8.1	30 45.30	3.9121	0.0299	38 18 3.9	12.156	0.459	80.0	96 111	38 771
1885	8.8	30 54.36	3.9330	0.0307	38 58 30.2	12.145	0.462	80.1	113 125	38 772
1886	9.3	3 31 8.16	+3.8963	+0.0293	+37 44 1.8	+12.129	−0.458	81.0	133 137 483 490	37 807
1887	9.4	31 31.03	3.8480	0.0279	36 2 38.3	12.103	0.453	86.5	75 79 603 614	35 729
1888	8.7	31 31.69	3.8299	0.0270	35 24 8.7	12.102	0.451	79.9	75 79	35 730
1889	8.4	32 8.40	3.9305	0.0303	38 46 47.3	12.059	0.463	87.8	5 Beob. [2]	38 776
1890	9.5	32 19.85	3.8452	0.0273	35 52 11.7	12.046	0.454	81.9	483 490	35 732
1891	9.1	3 32 20.87	+3.9157	+0.0297	+38 16 32.8	+12.045	−0.462	86.5	96 111 603 614	38 778
1892	9.3	32 23.10	3.9312	0.0302	38 46 43.4	12.042	0.464	80.1	113 125	38 779
1893	9.1	32 29.01	3.9257	0.0301	38 35 35.4	12.035	0.464	80.1	133 137	38 780
1894	7.0	32 36.41	3.9297	0.0301	38 42 37.9	12.027	0.464	80.0	96 111	38 782
1895	9.4	32 37.25	3.8260	0.0266	35 9 50.7	12.026	0.452	80.1	117 121	35 733
1896	8.3	3 32 37.77	+3.8370	+0.0270	+35 33 23.2	+12.025	−0.454	80.0	100 107	35 734
1897	8.3	32 45.78	3.9249	0.0299	38 32 24.8	12.016	0.463	80.1	113 125	38 783
1898	9.3	32 46.48	3.9513	0.0309	39 23 37.2	12.015	0.467	79.9	69 81	39 839
1899	5.8	32 59.97	3.8847	0.0285	37 10 28.4	11.999	0.459	91.1	12 Beob. [3]	37 811
1900	7.2	33 19.30	3.8506	0.0273	35 58 24.5	11.976	0.456	80.1	117 121	35 736

[1] Z. 69 81 587 603 614 [2] Z. 69 81 587 597 623 [3] Z. 579 597 623 624 628; M 149 219 253 262 271 272 274

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1901	8.4	3^h 33^m $22^s.14$	+3ˢ.9499	+0ˢ.0307	+39° 17′ 39″.4	+11″.973	−0″.467	84.3	69 81 587	39° 844
1902	9.2	33 25.52	3.8223	0.0264	34 57 41.5	11.969	0.453	79.9	75 79	34 711
1903	8.3	33 26.64	3.9113	0.0293	38 1 49.1	11.968	0.463	80.1	133 137	37 813
1904	9.1	33 26.85	3.9277	0.0299	38 34 4.4	11.968	0.465	81.9	483 490	38 785
1905	9.0	33 34.83	3.8331	0.0267	35 20 4.3	11.958	0.454	80.0	100 107	35 737
1906	7.7	3 33 35.18	+3.8864	+0.0284	+37 10 59.4	+11.958	−0.460	80.1	133 137	37 814
1907	9.0	33 37.28	3.9417	0.0303	39 0 31.0	11.955	0.467	80.0	96 111	38 786
1908	8.0	33 47.87	3.9241	0.0297	38 25 11.9	11.943	0.465	80.1	113 125	38 788
1909	8.9	34 9.13	3.9443	0.0303	39 2 39.8	11.918	0.468	81.1	381 390	38 790
1910	9.2[1]	34 11.49	3.8786	0.0281	36 51 50.7	11.915	0.460	81.9	483 490	} 36 735
1911	9.1[1]	3 34 11.50	+3.8786	+0.0281	+36 51 53.4	+11.915	−0.460	93.0	603 614	}
1912	8.9	34 28.29	3.8326	0.0265	35 14 12.2	11.896	0.455	79.9	75 79	35 738
1913	8.6	34 29.15	3.8298	0.0264	35 8 8.3	11.895	0.455	80.0	100 107	35 739
1914	9.5	34 29.28	3.9396	0.0301	38 51 36.8	11.894	0.468	88.7	96 614 630	38 791
1915	8.7	34 36.50	3.9599	0.0307	39 29 59.1	11.886	0.470	84.3	69 81 587	39 846
1916	8.7	3 34 36.97	+3.9180	+0.0293	+38 8 46.8	+11.885	−0.465	80.1	113 125	38 792
1917	8.7	34 50.23	3.8428	0.0268	35 34 1.6	11.870	0.457	79.9	75 79	35 740
1918	9.0	34 50.32	3.8718	0.0277	36 34 28.1	11.870	0.460	80.1	117 121 133 137	36 738
1919	8.4	35 12.18	3.8691	0.0276	36 26 53.0	11.844	0.460	81.9	483 490	36 739
1920	9.0	35 23.70	3.8410	0.0266	35 27 16.2	11.830	0.458	80.0	100 107	35 741
1921	8.2	3 35 42.52	+3.9038	+0.0286	+37 34 44.6	+11.808	−0.465	81.9	483 490	37 819
1922	8.7	35 45.37	3.8968	0.0283	37 20 26.9	11.805	0.465	86.5	133 137 597 623	37 818
1923	8.9	35 46.58	3.8270	0.0261	34 55 40.5	11.804	0.457	79.9	75 79	34 722
1924	7.4	35 47.32	3.9160	0.0290	37 58 28.4	11.803	0.467	80.1	113 125	37 820
1925	8.3	35 49.90	3.9161	0.0290	37 58 30.1	11.800	0.467	88.2	5 Beob.[2]	37 821
1926	8.7	3 35 56.93	+3.8718	+0.0275	+36 28 42.6	+11.791	−0.462	80.1	117 121	36 741
1927	8.7	36 17.52	3.9169	0.0289	37 57 37.6	11.767	0.468	80.1	133 137	37 822
1928	9.1	36 18.13	3.8476	0.0267	35 36 37.0	11.766	0.460	88.6	100 107 597	35 743
1929	5.7	36 26.36	3.8611	0.0270	36 3 47.8	11.757	0.461	93.1	7 Beob.[3]	36 742
1930	9.2	36 27.08	3.9372	0.0296	38 36 32.5	11.756	0.470	84.3	69 81 587	38 799
1931	8.1	3 36 28.11	+3.9421	+0.0297	+38 45 39.7	+11.754	−0.471	80.0	96 111	38 800
1932	9.1	36 30.74	3.8632	0.0271	36 7 57.5	11.751	0.462	80.1	117 121	36 743
1933	8.5	36 32.49	3.8439	0.0265	35 27 29.8	11.749	0.459	79.9	75 79	35 744
1934	7.2	36 45.34	3.9718	0.0307	39 40 58.0	11.734	0.476	80.0	96 111	39 852
1935	9.0	37 2.12	3.9871	0.0311	40 8 1.2	11.714	0.477	88.7	6 Beob.[4]	40 829
1936	9.4	3 37 22.82	+3.9715	+0.0305	+39 37 2.1	+11.690	−0.476	80.1	113 125	39 853
1937	7.1	37 24.01	3.9297	0.0291	38 16 48.7	11.688	0.471	86.6	133 137 597 623	38 803
1938	9.3	37 24.14	3.9441	0.0296	38 44 50.9	11.688	0.473	80.1	113 125	38 802
1939	9.4	37 38.33	3.9750	0.0306	39 42 17.4[5]	11.671	0.477	89.8	111 603 614 630	39 855
1940	8.7	37 58.12	3.9888	0.0310	40 6 11.6	11.648	0.479	84.3	69 81 587	40 831
1941	8.5	3 38 20.24	+3.8860	+0.0275	+36 45 17.7	+11.622	−0.468	79.9	75 79	36 749
1942	8.8	38 28.56	3.9617	0.0299	39 12 45.9	11.612	0.476	84.3	69 81 587	39 858
1943	9.5	38 31.99[6]	3.8808	0.0273	36 33 43.2	11.608	0.468	90.8 88.7	5 Beob.[6]	36 751
1944	8.8	38 48.90	3.8381	0.0259	35 3 41.7	11.587	0.462	86.5	75 79 597 623	34 728
1945	8.8	38 48.92	3.9159	0.0284	37 42 38.9	11.587	0.471	80.1	133 137	37 828
1946	8.3	3 38 56.84	+3.9498	+0.0294	+38 47 42.6	+11.578	−0.476	80.1	113 125	38 805
1947	8.9	38 57.24	3.9490	0.0294	38 46 13.0	11.578	0.476	81.9	483 490	38 806
1948	9.1	39 23.01	3.9674	0.0299	39 18 57.2	11.547	0.478	80.0	96 111	39 861
1949	8.4	39 24.30	3.9717	0.0301	39 26 51.7	11.545	0.479	80.1	113 125	39 862
1950	7.0	39 38.16	3.9947	0.0308	40 8 24.7	11.529	0.482	84.3	69 81 587	40 835

[1] Dpl. 10″; 1910 austr. pr., 1911 med. [2] Z. 381 390 603 614 630 [3] Z. 597 624 628; M 271 272 273 274
[4] Z. 69 81 (dpl. seq.) 587 603 614 630 [5] Z. 603 [10″.1] [6] Z. 100 [31ˢ.10] 107 614; M 325 326

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1951	9.4	$3^h\ 39^m\ 47^s.82$	$+3^s.9101$	$+0^s.0280$	$+37°25'\ 55''.3$	$+11''.517$	$-0''.472$	80.0	100 107	37° 829
1952	8.3	39 49.02	3.9255	0.0285	37 57 16.4	11.516	0.474	80.1	133 137	37 830
1953	9.0	40 9.73	3.9866	0.0304	39 50 28.9	11.491	0.482	80.0	96 111	39 865
1954	8.6	40 12.07	3.9596	0.0295	39 0 1.5	11.488	0.478	80.1	113 125	38 808
1955	9.5	40 14.75	3.9675	0.0297	39 14 33.6	11.485	0.479	89.1	137 614 630	39 866
1956	9.2	3 40 18.68	+3.8492	+0.0260	+35 19 36.8	+11.480	−0.466	79.9	75 79	35 746
1957	8.9	40 57.04	3.8703	0.0265	36 0 4.6	11.434	0.469	79.9	75 79	35 748
1958	9.0	41 20.42	3.9500	0.0289	38 35 49.3	11.406	0.479	84.3	69 81 587	38 811
1959	6.6	41 50.93	3.9171	0.0278	37 29 28.0	11.370	0.475	84.3	69 81 587	37 833
1960	8.9	41 51.49	3.8712	0.0263	35 57 25.4	11.369	0.470	79.9	75 79	35 752
1961	9.4	3 41 56.51	+3.8792	+0.0265	+36 13 21.3	+11.363	−0.471	80.0	100 107	36 760
1962	9.2	41 57.66	3.8893	0.0268	36 33 45.1	11.362	0.472	80.1	117 121	36 761
1963	9.6	42 38.64	3.9658	0.0291	38 59 16.0	11.312	0.482	88.7	5 Beob. [1]	38 813
1964	9.0	43 5.58	3.9047	0.0271	36 58 33.9	11.280	0.476	80.1	117 121	36 762
1965	8.5	43 8.94	3.9001	0.0269	36 49 33.9	11.276	0.475	79.9	75 79	36 763
1966	8.7	3 43 14.87	+3.9075	+0.0272	+37 3 47.8	+11.269	−0.476	81.9	483 490	36 764
1967	9.1	43 16.36	3.9469	0.0284	38 20 13.0	11.267	0.481	80.1	133 137	38 814
1968	8.1	43 21.77	3.8517	0.0254	35 10 15.3	11.260	0.470	80.0	100 107	35 754
1969	9.0	43 27.91	3.9974	0.0300	39 53 40.5	11.253	0.487	88.7	6 Beob. [2]	39 874
1970	8.3	43 30.62	3.9802	0.0294	39 21 48.4	11.250	0.485	80.0	96 111	39 875
1971	8.3	3 43 34.74	+3.8908	+0.0266	+36 28 49.2	+11.245	−0.475	80.0	100 107	36 766
1972	8.8	43 39.92	3.9824	0.0295	39 25 4.7	11.239	0.486	80.0	96 111	39 876
1973	8.5	43 42.07	3.9975	0.0299	39 52 47.8	11.236	0.488	87.8	5 Beob. [3]	39 878
1974	8.4	43 42.07	3.8572	0.0255	35 19 47.3	11.236	0.471	79.9	75 79	35 755
1975	8.5	44 6.33	3.9532	0.0284	38 28 7.7	11.207	0.483	80.1	133 137	38 815
1976	8.6	3 44 7.30	+3.9854	+0.0294	+39 28 23.2	+11.205	−0.487	80.1	113 125	39 879
1977	8.7	44 7.49	3.8820	0.0262	36 8 32.6	11.205	0.474	80.1	117 121	36 768
1978	7.6	44 10.79	4.0024	0.0300	39 59 14.7	11.201	0.489	81.1	381 390	39 880
1979	8.8	44 13.10	3.9944	0.0297	39 44 29.6	11.198	0.488	81.9	483 490	39 881
1980	9.2	44 23.66	3.9904	0.0295	39 36 20.9	11.186	0.488	84.3	69 81 587	39 882
1981	8.8	3 44 26.23	+3.9444	+0.0281	+38 9 41.8	+11.182	−0.482	80.0	96 111	38 816
1982	8.7	44 43.58	3.9362	0.0277	37 52 36.5	11.162	0.482	80.1	133 137	37 835
1983	9.1	44 45.28	3.8936	0.0264	36 28 42.4	11.159	0.477	81.9	483 490	36 769
1984	9.4	44 50.99	3.8550	0.0252	35 9 44.9	11.152	0.472	79.9	75 79	35 759
1985	9.2	44 56.58	3.9580	0.0284	38 33 6.0	11.146	0.485	87.9	5 Beob. [4]	38 817
1986	8.8	3 45 9.14	+3.8791	+0.0259	+35 57 44.6	+11.130	−0.475	80.0	100 107	35 761
1987	8.2	45 9.32	3.8936	0.0263	36 26 50.2	11.130	0.477	81.1	381 390	36 770
1988	8.5	45 18 35	3.8817	0.0259	36 2 16.3	11.119	0.476	81.1	381 390	35 762
1989	8.5	45 18.43	3.8565	0.0252	35 10 39.0	11.119	0.473	80.1	117 121	35 763
1990	9.0	45 20.38	3.8638	0.0254	35 25 29.6	11.117	0.474	80.1	117 121	35 764
1991	9.5	3 45 37.98	+3.9232	+0.0272	+37 23 1.0	+11.096	−0.482	81.9	483 490	37 837
1992	9.0	45 45.56	3.8998	0.0264	36 36 14.2	11.086	0.479	86.5	100 107 597 623	36 772
1993	8.4	45 48.72	3.9483	0.0279	38 10 27.1	11.082	0.485	88.7	6 Beob. [5]	38 819
1994	8.3	45 49.73	3.9476	0.0279	38 9 11.3	11.081	0.485	80.0	96 111	38 820
1995	8.2	46 9.60	3.8919	0.0261	36 18 35.6	11.057	0.478	80.1	133 137	36 774
1996	9.4	3 46 9.93	+3.9799	+0.0288	+39 8 18.8	+11.057	−0.489	80.1	113 125	39 886
1997	8.2	46 30.73	3.8941	0.0261	36 21 18.7	11.031	0.479	80.0	100 107	36 775
1998	9.0[6]	46 33.65	3.8525	0.0248	34 56 35.1	11.028	0.474	93.1	603 614 630	34 762
1999	7.9	46 34.63	3.9924	0.0291	39 29 17.2	11.027	0.491	80.0	96 111	39 887
2000	9.2	46 37.65	3.9944	0.0292	39 32 35.0	11.023	0.491	84.3	69 81 587	39 888

[1] Z. 113 125 614; M 325 326 [2] Z. 69 81 587 603 614 630 [3] Z. 69 81 587 597 623
[4] Z. 113 125 603 614 630 [5] Z. 69 81 587 603 614 630 [6] Dpl. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2001	9.0	3h 46m 41s.23	+3s.9394	+0s.0274	+37° 49′ 18″.9	+11″.019	−0″.485	80.1	133 137	37° 840
2002	8.7	47 3.35	3.9865	0.0288	39 16 3.6	10.992	0.491	80.1	113 125	39 891
2003	9.0	47 7.96	3.9411	0.0274	37 50 23.7	10.986	0.485	81.9	483 490	37 841
2004	8.7	47 14.29	3.9447	0.0275	37 56 43.4	10.978	0.486	80.0	96 111	37 842
2005	8.2	47 19.29	3.8917	0.0258	36 12 43.7	10.972	0.480	87.8	5 Beob. [1]	36 779
2006	9.2	3 47 50.33	+3.8960	+0.0259	+36 18 58.2	+10.934	−0.481	81.1	381 390	36 782
2007	9.5	47 59.81	3.9064	0.0262	36 38 55.7	10.923	0.483	80.1	117 121	36 784
2008	9.5	48 15.81	3.8810	0.0253	35 46 58.4	10.903	0.480	81.0	133 137 483 490	35 770
2009	8.7	48 22.68	3.9117	0.0262	36 47 25.1	10.895	0.484	80.0	100 107	36 786
2010	9.1	48 27.99	3.9609	0.0277	38 21 43.3	10.888	0.490	80.0	96 111	38 822
2011	8.9	3 48 33.10	+3.9528	+0.0274	+38 5 57.6	+10.882	−0.489	80.1	113 125	38 823
2012	9.0	48 35.42	3.9648	0.0278	38 28 23.5	10.879	0.490	84.3	69 81 587	38 824
2013	8.4	48 37.32	3.8775	0.0252	35 38 13.1	10.877	0.480	79.9	75 79	35 771
2014	9.5	48 48.69	3.9379	0.0269	37 36 27.7	10.863	0.487	81.9	483 490	37 843
2015	8.8	49 2.70	3.9095	0.0260	36 40 1.8	10.846	0.484	80.0	100 107	36 788
2016	8.6	3 49 9.82	+3.8962	+0.0256	+36 13 20.7	+10.837	−0.483	80.1	117 121	36 790
2017	8.8	49 20.28	3.9061	0.0259	36 32 4.7	10.824	0.484	80.1	133 137	36 791
2018	6.4	49 25.70	3.8941	0.0255	36 7 47.0	10.817	0.483	81.1	381 390	36 792
2019	**3.3**	**49 28.20**	**4.0052**	**0.0289**	**39 38 47.5**	**10.814**	**0.497**		**Fund. Cat.**	**39 895**
2020	8.7	49 31.89	3.8788	0.0250	35 36 41.8	10.810	0.481	79.9	75 79	35 772
2021	8.9	3 49 36.35	+4.0044	+0.0288	+39 36 34.6	+10.804	−0.497	84.3	69 81 587	39 896
2022	7.0	49 41.18	3.8982	0.0256	36 14 45.1	10.798	0.484	80.0	100 107	36 793
2023	9.2	49 41.43	3.9185	0.0262	36 54 44.2	10.798	0.486	80.1	117 121	36 794
2024	8.7	49 53.37	3.9881	0.0282	39 5 32.6	10.783	0.495	80.0	96 111	39 897
2025	8.7	49 54.15	3.8967	0.0255	36 10 56.4	10.782	0.484	79.9	75 79	36 795
2026	6.7	3 50 10.62	+3.9688	+0.0276	+38 28 43.6	+10.762	−0.493	80.1	113 125	38 827
2027	8.4	50 26.08	3.9158	0.0259	36 45 58.3	10.743	0.487	81.9	483 490	36 796
2028	8.6	50 31.79	3.9333	0.0264	37 19 27.9	10.736	0.489	80.1	133 137	37 846
2029	9.1	50 40.09	3.8934	0.0252	36 0 50.4	10.726	0.484	80.0	100 107	35 773
2030	**4.0**	**50 51.49**	**3.8763**	**0.0247**	**35 25 46.5**	**10.712**	**0.483**		**Fund. Cat.**	**35 775**
2031	8.8	3 51 10.30	+4.0100	+0.0286	+39 39 23.4	+10.689	−0.500	84.3	69 81 587	39 902
2032	9.5	51 17.92	3.9576	0.0270	38 2 15.7[2]	10.679	0.493[2]	92.5 92.4	7 Beob. [2]	37 847
2033	7.8	51 19.34	3.8934	0.0251	35 57 31.9	10.677	0.485	80.1	117 121	35 778
2034	9.0	51 21.39	3.9283	0.0261	37 6 7.7	10.675	0.490	81.0	133 137 483 490	37 848
2035	6.6	51 21.63	3.9713	0.0274	38 27 38.6	10.675	0.495	80.0	96 111	38 829
2036	9.3	3 51 32.22	+3.8647	+0.0242	+34 59 2.9	+10.661	−0.482	86.5	79 623	34 780
2037	8.7	51 38.15	3.9084	0.0255	36 26 11.0	10.654	0.487	81.1	381 390	36 798
2038	9.1	51 42.53	3.9630	0.0271	38 10 37.0	10.649	0.495	94.6	623; M 324 325 326	38 831
2039	8.0	51 45.33	3.8852	0.0248	35 39 28.4	10.645	0.485	79.9	75 79	35 779
2040	7.4	51 46.90	4.0115	0.0285	39 39 19.1	10.643	0.500	84.3	69 81 587	39 904
2041	8.8	3 51 48.00	+3.9366	+0.0263	+37 20 4.5	+10.642	−0.491	93.1	603 614 630	37 850
2042	8.8	51 48.50	3.9624	0.0270	38 9 5.5	10.641	0.494	84.4	113 125 597	— —
2043	8.8	51 49.61	3.8853	0.0248	35 39 29.3	10.640	0.485	80.0	100 107	35 780
2044	9.1	51 57.36	3.8789	0.0246	35 26 3.8	10.630	0.484	80.1	117 121	35 781
2045	8.8	52 0.92	3.9463	0.0265	37 37 40.1	10.626	0.493	83.2	5 Beob. [3]	37 851
2046	9.1	3 52 3.11	+3.9440	+0.0264	+37 33 6.8	+10.623	−0.492	81.9	483 490	37 852
2047	8.4	52 5.15	4.0186	0.0287	39 50 41.9	10.621	0.502	80.0	96 111	39 905
2048	8.7	52 11.61	3.9507	0.0266	37 45 14.3	10.613	0.494	81.1	381 390	37 853
2049	8.8	52 15.07	3.8916	0.0249	35 50 6.7	10.609	0.486	94.4	623; M 325 326	35 783
2050	9.5	52 29.95	4.0143	0.0284	39 41 6.0	10.590	0.502	81.9	483 490	39 907

[1] Z. 75 79 603 614 630 [2] Z. 125 614[23″.5] 630; M270; R(3) [3] Z. 133 137 350 488 579

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
2051	9.4	3h 52m 30s.74	+3s.8829	+0s.0246	+35° 31' 32".9	+10".589	−0".486	88.6	107 624 628	35° 784
2052	9.1	52 42.61	3.8958	0.0249	35 56 21.7	10.574	0.487	79.9	75 79	35 785
2053	7.3	52 47.46	3.9607	0.0268	38 1 21.4	10.568	0.495	80.1	133 137	37 857
2054	7.0	52 51.79	4.0171	0.0284	39 44 27.6	10.563	0.503	80.0	96 111	39 909
2055	9.2	52 55.82	3.8894	0.0247	35 42 43.8	10.558	0.487	80.1	117 121	35 786
2056	8.9	3 52 56.25	+3.9031	+0.0251	+36 9 50.6	+10.558	−0.488	81.1	381 390	36 802
2057	8.4	52 57.21	4.0109	0.0282	39 32 47.3	10.556	0.502	80.1	113 125	39 910
2058	9.1	52 59.30	3.9338	0.0259	37 9 26.8	10.554	0.492	88.4	5 Beob. [1]	37 858
2059	7.8	53 0.33	3.9219	0.0256	36 46 16.0	10.552	0.491	85.3	150 488 579	36 804
2060	7.0	53 3.32	3.9177	0.0255	36 38 2.6	10.549	0.491	88.2	5 Beob. [2]	36 805
2061	7.7[3]	3 53 16.51	+3.9711	+0.0270	+38 18 38.5	+10.532	−0.497	87.1	387 391 597 623	38 832
2062	7.3	53 22.68	4.0149	0.0282	39 38 6.1	10.525	0.503	80.1	113 125	39 911
2063	9.4	53 23.42	3.9874	0.0274	38 48 14.8	10.524	0.500	81.9	483 490	38 833
2064	8.8	53 27.84	4.0336	0.0288	40 10 54.4	10.518	0.505	84.3	69 81 587	40 876
2065	8.7	53 50.94	3.8708	0.0240	35 1 27.1	10.490	0.486	87.8 88.7	5 Beob. [4]	34 791
2066	9.2	3 53 52.05	+4.0193	+0.0282	+39 43 48.9	+10.488	−0.504	80.0	96 111	39 913
2067	8.8	54 1.83	3.9357	0.0258	37 8 32.1	10.476	0.494	80.1	117 121	37 859
2068	7.6	54 8.70	3.9874	0.0273	38 44 46.0	10.468	0.501	80.1	133 137	38 834
2069	8.7	54 11.46	3.9040	0.0249	36 6 14.8	10.464	0.490	86.5 87.7	100[5] 107 597 623	36 808
2070	9.0	54 15.16	4.0317	0.0286	40 3 59.3	10.460	0.506	84.3	69 81 587	40 878
2071	8.4	3 54 32.36	+3.9512	+0.0261	+37 35 41.5	+10.438	−0.497	80.1	113 125	37 862
2072	8.2	54 35.84	3.8731	0.0239	35 2 53.6	10.434	0.487	80.0	100 107	34 794
2073	8.5	54 39.22	3.9519	0.0261	37 36 32.6	10.430	0.497	80.0	96 111	37 863
2074	8.8	54 39.79	3.9417	0.0258	37 17 12.1	10.429	0.496	84.7	133 137 579	37 864
2075	9.1	54 52.67	3.9851	0.0270	38 37 24.4	10.413	0.501	86.5	81 587	38 835
2076	8.4	3 54 53.88	+3.8713	+0.0237	+34 57 50.7	+10.412	−0.487	90.4[6]	10 Beob. [7]	34 796
2077	7.6	54 54.66	3.9556	0.0262	37 42 15.7	10.410	0.498	81.1	381 390	37 866
2078	6.9	54 56.74	3.9262	0.0253	36 46 12.1	10.408	0.494	80.1	117 121	36 810
2079	9.5	55 12.91	3.8721	0.0237	34 58 9.9	10.388	0.487	88.5	483 490; M 326 327	34 799
2080	8.3	55 32.26	3.9546	0.0260	37 37 26.0	10.363	0.498	80.1	133 137	37 867
2081	9.5	3 55 37.17	+3.8797	+0.0239	+35 11 44.8	+10.357	−0.489	87.5	483 490 614 630	35 790
2082	7.2	55 43.09	4.0050	0.0274	39 9 50.7	10.350	0.505	89.3	81 587 M 322	39 918
2083	9.6	55 48.95	3.9401	0.0256	37 9 2.6	10.343	0.497	92.5	5 Beob. [8]	37 869
2084	8.1	55 51.36	3.9437	0.0256	37 15 42.6	10.340	0.497	81.4	350 488	37 870
2085	8.8	55 51.90	3.9231	0.0251	36 36 13.8	10.339	0.495	80.1	117 121	36 811
2086	9.2	3 55 58.13	+3.9562	+0.0260	+37 38 44.3	+10.331	−0.499	81.1	381 390	37 871
2087	7.7	56 3.57	3.9824	0.0267	38 27 4.1	10.324	0.503	86.6	96 111; M 272 273	38 836
2088	8.8	56 8.28	3.8891	0.0241	35 28 14.6	10.318	0.491	79.9	75 79	35 793
2089	8.7	56 16.64	3.9432	0.0255	37 12 55.4	10.308	0.498	81.1	381 390	37 872
2090	9.0	56 17.18	3.9851	0.0267	38 31 7.2	10.307	0.503	80.1	113 125	38 837
2091	*9.4	3 56 19.05	+3.8771	+0.0237	+35 3 36.6	+10.305	−0.490	95.1	M 324 326	35 794
2092	7.8	56 23.59	3.9865	0.0267	38 33 16.3	10.299	0.503	85.3	350 488 579	38 838
2093	7.9	56 25.33	3.8928	0.0241	35 34 27.2	10.297	0.492	79.9	75 79	35 796
2094	8.3	56 42.81	3.9409	0.0254	37 6 34.7	10.275	0.498	80.1	133 137	37 873
2095	7.8	56 44.58	3.9294	0.0251	36 44 36.2	10.273	0.497	80.0	100 107	36 813
2096	9.0	3 56 45.98	+4.0389	+0.0282	+40 5 26.9	+10.271	−0.510	84.3	69 81 587	40 882
2097	8.9	56 46.86	3.9185	0.0247	36 23 16.4	10.270	0.495	80.1	117 121	36 814
2098	7.7	57 2.30	4.0350	0.0280	39 57 27.1	10.251	0.510	80.0	96 111	39 921
2099	8.3	57 16.20	4.0179	0.0275	39 26 3.9	10.233	0.508	80.1	113 125	39 922
2100	9.0	57 21.65[9]	4.0290	0.0278	39 45 23.7	10.227	0.510	91.4 88.7	6 Beob. [9]	39 924

[1] Z. 350 488 579 624 628 [2] Z. 387 391 603 614 630 [3] Dpl. austr. seq. [4] Z. 75 79(δ ½) 603 614 630
[5] δ Gew. ½ [6] E. B. +0s.140 −1".35 (Porter) [7] Z. 75 79 597 603 614 623 624 628 630; M 271
[8] Z. 490; M 325 326; R(2) [9] Z. 69[21s.19] 81 587 603 614 630

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2101	8.0	$3^h\ 57^m\ 23^s.46$	+3^s.9520	+0^s.0255	+37° 24′ 44″.4	+10″.224	−0″.500	80.0	96 111	37° 876
2102	9.0	57 55.25	3.9397	0.0251	36 59 15.4	10.184	0.500	79.9	75 79	36 816
2103	9.0	58 34.14	4.0259	0.0274	39 34 41.0	10.135	0.511	84.3	69 81 587	39 928
2104	9.2	58 35.62	4.0083	0.0269	39 3 17.7	10.134	0.509	80.1	113 125	39 929
2105	8.9	58 38.63	4.0144	0.0270	39 14 1.4	10.130	0.510	80.0	96 111	39 930
2106	9.4	3 58 43.56	+3.9014	+0.0239	+35 41 38.6	+10.123	−0.496	79.9	75 79	35 799
2107	8.5	58 48.51	3.9779	0.0260	38 6 54.4	10.117	0.506	81.9	483 490	38 841
2108	8.6	58 55.99	3.9113	0.0241	36 0 12.5	10.108	0.497	80.0	100 107	35 800
2109	8.0	58 58.38	3.9408	0.0249	36 56 51.2	10.105	0.501	80.1	117 121	36 818
2110	8.4	59 5.74	3.9646	0.0256	37 41 4.5	10.096	0.504	80.1	133 137	37 877
2111	7.3[1]	3 59 15.00	+3.9668	+0.0256	+37 44 32.8	+10.084	−0.504	90.9[2]	12 Beob.[3]	37 878
2112	9.2	59 26.73	3.9698	0.0256	37 49 14.1	10.069	0.505	80.1	113 125	37 879
2113	9.1	59 31.62	3.9469	0.0250	37 6 1.3	10.063	0.503	81.9	483 490	37 880
2114	9.0	59 32.88	3.9362	0.0247	36 45 42.2	10.061	0.501	81.1	381 390	36 823
2115	8.5	59 53.10	3.9262	0.0243	36 25 4.8	10.036	0.500	80.0	100 107	36 824
2116	8.6	3 59 53.23	+3.9328	+0.0245	+36 37 45.9	+10.036	−0.501	80.6	117 121 381 390	36 825
2117	8.6	59 54.35	4.0293	0.0272	39 34 59.4	10.034	0.513	84.3	69 81 587	39 933
2118	8.6	59 55.15	3.9212	0.0242	36 15 25.8	10.033	0.500	81.9	483 490	36 826
2119	8.9	59 57.68	4.0181	0.0269	39 14 54.4	10.030	0.512	80.0	96 111	39 934
2120	6.4	59 59.79	3.9574	0.0252	37 23 47.3	10.027	0.505	90.1[4]	8 Beob.[5]	37 881
2121	8.0	4 0 14.91	+4.0231	+0.0269	+39 22 35.0	+10.008	−0.513	80.6	147 392	39 936
2122	6.0	0 17.16	3.9681	0.0254	37 42 35.1	10.005	0.506	88.2[6]	7 Beob.[7]	37 882
2123	8.7	0 23.76	3.8850	0.0231	35 2 18.2	9.997	0.496	79.9	75 79	34 819
2124	9.4	0 28.75	3.9892	0.0259	38 20 41.3	9.991	0.509	80.1	113 125	38 844
2125	9.1	0 33.70	3.9326	0.0244	36 34 30.1	9.985	0.502	80.1	130 140	36 828
2126	8.9	4 0 39.32	+4.0101	+0.0265	+38 57 39.3	+ 9.977	−0.512	86.5	96 111 615 635	38 845
2127	7.5	0 43.52	4.0397	0.0273	39 49 48.7	9.972	0.515	89.8[8]	8 Beob.[9]	39 937
2128	8.6	0 44.01	3.8961	0.0234	35 23 3.8	9.972	0.498	85.0	72 509 625	35 806
2129	8.3	1 0.25	3.9185	0.0239	36 5 35.6	9.951	0.501	81.6	359 494 502	36 829
2130	8.0	1 12.91	3.9068	0.0236	35 42 3.9	9.935	0.500	79.9	87 93	35 807
2131	7.5	4 1 32.86	+3.9058	+0.0235	+35 38 48.1	+ 9.910	−0.500	80.1	130 140	35 809
2132	8.8	1 51.87	3.9274	0.0240	36 19 21.1	9.886	0.503	85.2	350 488 579	36 835
2133	6.9	1 57.93	4.0109	0.0262	38 53 41.6	9.878	0.514	80.0	96 111	38 848
2134	9.3	2 5.32	3.9511	0.0245	37 3 27.7	9.868	0.506	85.9 85.2	350 488[10] 579	37 885
2135	9.1	2 11.74	3.8834	0.0227	34 52 3.5	9.860	0.497	85.0	72 505 625	*34 823*
2136	9.1	4 2 12.24	+3.9173	+0.0236	+35 58 22.7	+ 9.860	−0.502	88.7	93[11] 615 635	35 810
2137	7.5	2 16.75	3.9871	0.0255	38 9 23.9	9.854	0.511	80.1	113 125	38 850
2138	9.2	2 18.67	4.0408	0.0270	39 45 2.7	9.852	0.518	84.3	69 81 587	39 942
2139	8.5	2 19.11	3.9241	0.0238	36 11 2.5	9.850	0.503	81.6	359 494 499	36 837
2140	8.3	2 23.38	3.9747	0.0251	37 46 10.6	9.846	0.509	80.6	147 392	37 887
2141	8.5	4 2 33.23	+3.9738	+0.0250	+37 43 49.7	+ 9.833	−0.510	88.0	5 Beob.[12]	37 888
2142	9.1	2 45.79	3.9136	0.0234	35 48 59.1	9.817	0.502	88.7	93 598 631	35 814
2143	9.1	2 50.38	4.0260	0.0264	39 16 50.7	9.811	0.516	80.0	96 111	39 943
2144	8.5	2 56.92	3.9072	0.0232	35 35 56.8	9.803	0.501	80.1	130 140	35 816
2145	8.8	2 57.56	3.8858	0.0227	34 53 50.3	9.802	0.499	85.0	72 509 625	34 827
2146	8.5	4 3 10.67	+3.9669	+0.0248	+37 28 30.1	+ 9.785	−0.509	85.2	350 488 579	37 891
2147	8.5[13]	3 13.45	4.0494	0.0270	39 56 16.0	9.782	0.520	84.3	69 81 587	39 945
2148	9.0	3 16.19	4.0148	0.0260	38 55 10.2	9.778	0.516	80.1	113 125	38 853
2149	8.1	3 48.12	3.9351	0.0238	36 26 16.1	9.738	0.506	80.1	130 140	36 842
2150	7.8	3 55.69	3.8919	0.0226	35 1 58.5	9.728	0.501	85.4	72 505 625	34 829

[1] $9^m.0$ $3^s.5$ 135° [2] E.B. +0^s.014 −0″.24 (Porter) [3] Z. 133 137 597 603 614 623 624 628 630; M 271 272 273
[4] E.B. −0^s.009 −0″.18 (Porter) [5] Z. 579 598 615 629 631 635; M 149 219 [6] E.B. +0^s.013 −0″.18 (Porter)
[7] Z. 359 494 499 598 631; M 275 276 [8] E.B. −0^s.004 −0″.15 (Porter) [9] Z. 69 81 587 598 615 631 635; M 273
[10] *a* Gew. ½ [11] Dpl. bor. seq.; Com. $9^m.2$ [12] Z. 147 392 615 629 635 [13] Dpl. 6^s praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2151	7.9	4h 4m 1.56s	+3.9372s	+0.0238s	+36° 29' 15.2"	+9.721"	−0.507"	81.6	359 494 502	36° 844
2152	7.8	4 4.34	3.9659	0.0245	37 22 58.2	9.717	0.510	80.6	147 392	37 894
2153	9.2	4 5.89	3.9106	0.0231	35 37 53.3	9.715	0.503	88.7	93 598 631	35 819
2154	8.8	4 6.90	3.9398	0.0238	36 33 53.0	9.714	0.507	85.2	350 488 579	36 845
2155	8.8	4 13.99	4.0244	0.0261	39 8 22.1	9.705	0.518	84.3	69 81 587	39 951
2156	9.1	4 4 14.34	+3.9754	+0.0247	+37 39 52.1	+9.704	−0.512	80.0	96 111	37 895
2157	8.8	4 16.43	3.9457	0.0239	36 44 27.6	9.702	0.508	81.6	359 494 499	36 846
2158	7.7	4 35.92	4.0561	0.0269	40 2 7.2	9.677	0.522	80.0	96 111	39 952
2159	8.9	4 43.49	3.8914	0.0225	34 57 57.9	9.667	0.501	85.0	72 509 625	34 831
2160	8.7	5 3.54	4.0476	0.0265	39 45 36.9	9.641	0.522	84.3	69 81 587	39 954
2161	9.1	4 5 7.18	+3.9955	+0.0251	+38 13 4.8	+9.637	−0.515	80.6	147 392	38 859
2162	7.8	5 14.24	3.8981	0.0225	35 9 13.5	9.628	0.503	79.9	87 93	35 823
2163	7.0	5 17.62	4.0343	0.0261	39 21 29.5	9.623	0.520	80.1	113 125	39 956
2164	6.2	5 41.11	3.9779	0.0245	37 38 42.8	9.593	0.514	88.0	14 Beob.[1]	37 897
2165	9.0	5 45.31	4.0592	0.0267	40 2 44.4	9.588	0.524	84.3	69 81 587	39 957
2166	7.0	4 5 45.39	+3.9946	+0.0249	+38 8 54.9	+9.588	−0.516	80.0	96 111	38 861
2167	8.8	5 59.98	3.9204	0.0230	35 49 31.5	9.569	0.507	85.0	72 505 625	35 827
2168	9.0	6 6.59	3.9408	0.0235	36 27 52.5	9.561	0.509	79.9	87 93	36 855
2169	9.1	6 16.65	3.9979	0.0250	38 12 52.1	9.548	0.517	80.1	113 125	38 862
2170	4.8	6 23.14	4.0648	0.0267	40 9 53.3	9.539	0.525	86.6	11 Beob.[2]	40 912
2171	9.1	4 6 29.57	+3.9672	+0.0241	+37 15 47.9	+9.531	−0.513	80.1	130 140	37 898
2172	6.7	6 34.59	3.9661	0.0240	37 13 24.0	9.525	0.513	80.1	130 140	37 899
2173	8.8	6 41.27	3.9750	0.0242	37 29 26.8	9.516	0.515	80.1	113 125	37 900
2174	9.3	6 43.09	4.0088	0.0251	38 30 41.1	9.514	0.519	86.5	96 111 598 631	38 863
2175	7.5	6 44.70	3.9332	0.0231	36 11 1.6	9.512	0.509	79.9	87 93	36 857
2176	8.8	4 6 47.80	+3.9754	+0.0242	+37 29 50.3	+9.508	−0.515	86.5	113 125 598 631	37 901
2177	9.0	6 52.20	3.9152	0.0227	35 36 1.5	9.502	0.507	85.0	72 509 625	35 828
2178	8.8	7 3.65	4.0557	0.0263	39 51 35.7	9.487	0.525	88.3 88.7	6 Beob.[3]	39 959
2179	8.7	7 34.15	4.0258	0.0254	38 57 31.2	9.448	0.522	80.0	96 111	38 866
2180	9.4	7 40.84	4.0611	0.0263	39 58 21.8	9.440	0.527	90.0	350 579 598 631	39 960
2181	8.6	4 8 4.85	+3.9433	+0.0231	+36 25 9.5	+9.409	−0.512	80.0	87 93 130 140	36 859
2182	7.8	8 10.51	4.0531	0.0260	39 42 43.4	9.401	0.526	88.7	6 Beob.[4]	39 962
2183	8.3	8 19.14	3.9367	0.0229	36 11 41.1	9.390	0.511	80.6	147 392	36 860
2184	8.2	8 19.87	3.9250	0.0226	35 49 18.6	9.389	0.510	85.0	72 505 625	35 832
2185	8.7	8 21.37	3.9279	0.0227	35 54 55.3	9.387	0.510	89.4	509 598 631	35 833
2186	8.2	4 8 29.83	+3.9277	+0.0226	+35 53 51.6	+9.376	−0.510	83.3	72 130 140 625	35 834
2187	9.1	8 49.67	3.9625	0.0234	36 58 8.2	9.351	0.515	86.5	147 392 615 635	36 862
2188	9.2	8 55.03	3.9184	0.0223	35 34 37.8	9.344	0.510	79.9	87 93	35 836
2189	8.7	9 17.48	4.0637	0.0260	39 56 32.0	9.315	0.529	84.3	69 81 587	39 965
2190	9.0	9 28.87	3.9422	0.0228	36 17 45.1	9.300	0.513	80.1	130 140	36 863
2191	9.0	4 9 37.46	+3.9271	+0.0224	+35 48 31.4	+9.289	−0.512	85.0	72 505 625	35 839
2192	9.1	9 51.44	3.9790	0.0236	37 24 36.0	9.271	0.519	80.0	96 111	37 904
2193	8.9	9 54.58	3.9386	0.0226	36 9 19.2	9.267	0.513	86.5	87 93 598 631	36 864
2194	8.8	9 59.57	4.0513	0.0255	39 32 36.3	9.261	0.528	84.3	69 81 587	39 967
2195	8.4	10 3.21	3.9747	0.0235	37 16 3.3	9.256	0.518	80.6	147 392	37 906
2196	7.7	4 10 14.26	+3.9519	+0.0229	+36 33 8.6	+9.242	−0.516	85.2	350 488 579	36 866
2197	8.2	10 18.70	3.9248	0.0222	35 41 36.0	9.236	0.512	85.0	72 509 625	35 840
2198	8.6	10 43.39	4.0017	0.0240	38 2 36.2	9.204	0.522	80.6	147 392	37 907
2199	8.6	11 4.34	4.0336	0.0248	38 57 48.9	9.177	0.527	80.0	96 111	38 872
2200	9.1	11 6.68	3.9157	0.0219	35 21 15.2	9.174	0.512	86.0	72 505	35 843

[1] Z. 147 359 392 494 579 598 615 629 631 635; M 219 226 274 275   [2] Z. 147 615 629 635; M 154 155 165 221 224 272 273   [3] Z. 69 81 587 615 629(a ½) 635   [4] Z. 69 81 587 615 629 635

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2201	6.9	$4^h\ 11^m\ 9^s.91$	$+3^s.9910$	$+0^s.0237$	+37° 41′ 31″.2	+9″.169	−0″.522	88.4	5 Beob.[1]	37° 909
2202	8.0	11 14.16	4.0564	0.0253	39 36 34.4	9.164	0.530	84.3	69 81 587	39 972
2203	8.7	11 16.15	3.9631	0.0230	36 50 13.2	9.161	0.518	79.9	87 93	36 867
2204	8.0	11 22.36	4.0353	0.0247	38 59 31.7	9.153	0.528	80.1	113 125	38 873
2205	8.6	11 27.33	3.9498	0.0226	36 24 47.1	9.147	0.517	80.1	130 140	36 868
2206	9.0[2]	4 11 32.15	+4.0777	+0.0258	+40 11 37.9	+9.141	−0.533	84.3	69 81 587	40 934
2207	8.8	11 44.47	4.0044	0.0239	38 3 37.0	9.125	0.524	80.1	113 125	38 875
2208	8.9	11 44.93	3.9105	0.0216	35 8 59.3	9.124	0.512	79.9	87 93	35 845
2209	7.3	11 45.46	4.0546	0.0251	39 31 34.9	9.123	0.531	80.0	96 111	39 973
2210	8.0	11 54.46	3.9663	0.0229	36 53 45.4	9.112	0.519	80.1	130 140	36 872
2211	8.9	4 12 29.78	+3.9726	+0.0229	+37 3 11.8	+9.066	−0.521	80.1	130 140	37 911
2212	7.0	12 31.66	4.0133	0.0239	38 16 27.1	9.063	0.526	80.0	96 111	38 876
2213	7.9	12 32.01	3.9228	0.0217	35 29 48.8	9.063	0.514	85.0	72 509 625	35 849
2214	8.6	12 36.09	4.0449	0.0247	39 11 39.8	9.058	0.530	84.3	69 81 587	39 976
2215	7.4	12 43.95	3.9478	0.0223	36 16 19.4	9.047	0.518	86.5	87 93 598 631	36 876
2216	7.8	4 12 54.74	+4.0029	+0.0236	+37 56 35.0	+9.033	−0.525	80.6	147 392	37 912
2217	8.9	13 8.48	4.0279	0.0241	38 39 57.8	9.015	0.529	80.1	113 125	38 877
2218	7.0	13 30.87	4.0623	0.0249	39 38 14.9	8.986	0.533	86.5	69 81 598 631	39 980
2219	8.0	14 9.71	3.9614	0.0223	36 36 26.0	8.935	0.521	85.0	72 505 625	36 880
2220	9.4	14 13.05	3.9239	0.0215	35 25 54.8	8.931	0.516	88.7	93 598 631	35 853
2221	9.4	4 14 13.33	+4.0321	+0.0240	+38 43 22.9	+8.931	−0.530	80.0	96 111	38 878
2222	9.1	14 31.80	4.0523	0.0244	39 17 23.3	8.907	0.533	84.3	69 81 587	39 982
2223	8.1	14 32.25	3.9966	0.0231	37 39 14.8	8.906	0.526	80.1	113 125	37 914
2224	8.3	14 53.84	3.9176	0.0211	35 11 32.6	8.878	0.516	85.0	72 509 625	35 857
2225	8.1	14 57.60	3.9350	0.0215	35 44 19.2	8.873	0.518	80.0	87 93	35 858
2226	8.2	4 15 19.15	+4.0291	+0.0237	+38 34 18.1	+8.845	−0.531	80.0	96 111	38 883
2227	7.0	15 22.01	3.9316	0.0214	35 36 27.9	8.841	0.518	79.9	87 93	35 860
2228	8.8	15 30.33	3.9524	0.0218	36 14 56.6	8.830	0.521	80.1	130 140	36 883
2229	8.9	15 35.80	4.0297	0.0236	38 34 18.7	8.823	0.532	86.5	96 111 598 631	38 885
2230	8.0	15 49.69	3.9109	0.0208	34 55 19.3	8.805	0.516	85.0	72 505 625	34 872
2231	9.5	4 15 51.78	+4.0049	+0.0230	+37 49 32.5	+8.802	−0.529	80.1	113 125	37 918
2232	7.6	16 9.39	3.9122	0.0208	34 56 46.9	8.779	0.517	85.0	72 509 625	34 874
2233	8.9	16 20.72	4.0855	0.0248	40 7 0.0	8.764	0.540	88.7 87.8	5 Beob.[3]	40 952
2234	8.9	16 22.97	4.0863	0.0248	40 8 19.4	8.761	0.540	88.7 87.8	5 Beob.[3]	40 953
2235	8.0	16 53.46	4.0390	0.0236	38 45 50.2	8.721	0.534	80.1	113 125	38 886
2236	8.5	4 17 3.10	+4.0880	+0.0247	+40 8 38.9	+8.708	−0.541	80.0	96 111	40 957
2237	8.4	17 12.25	3.9795	0.0221	36 59 0.3	8.696	0.527	79.9	87 93	36 888
2238	8.6	17 14.09	4.0259	0.0232	38 21 47.4	8.694	0.533	80.1	113 125	38 888
2239	9.1	17 20.36	4.0033	0.0226	37 41 28.9	8.686	0.530	80.0	96 111	37 920
2240	8.3	17 21.90	3.9600	0.0216	36 22 35.1	8.684	0.524	80.1	130 140	36 889
2241	8.9	4 17 40.68	+3.9406	+0.0211	+35 45 27.5	+8.659	−0.522	88.2	5 Beob.[4]	35 865
2242	8.6	17 59.32	3.9315	0.0209	35 27 7.8	8.635	0.521	79.9	87 93	35 867
2243	8.7	18 8.58	4.0771	0.0242	39 46 31.8	8.622	0.541	84.3	69 81 587	39 988
2244	8.3	18 29.59	4.0863	0.0243	40 0 48.7	8.621	0.542	87.8	5 Beob.[5]	39 989
2245	8.9	18 57.82	3.9821	0.0218	36 57 38.2	8.557	0.529	85.0	72 509 625	36 894
2246	9.3	4 18 58.59	+3.9220	+0.0205	+35 5 51.0	+8.556	−0.521	86.5	87 93 598 631	35 870
2247	7.0	19 1.84	3.9585	0.0213	36 14 9.1	8.552	0.526	80.1	130 140	36 895
2248	7.8	19 3.99	4.0656	0.0237	39 24 1.1	8.549	0.540	80.0	96 111	39 994
2249	8.5	19 58.17	4.0242	0.0225	38 9 24.0	8.478	0.536	80.0	96 111	38 896
2250	9.0	20 10.11	4.0598	0.0233	39 10 12.4	8.462	0.541	89.8	81 587 598 631	39 999

[1] Z. 350 488 579 598 631 [2] Dpl. bor. praec. [3] Z. 69 (a ½) 81 587 598 631 [4] Z. 72 505 598 625 631
[5] Z. 69 81 587 598 631

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2251	9.1	4h 20m 41s.18	+4s.0571	+0s.0231	+39° 3' 51".9	+8".421	−0".541	84.3	69 81 587	39° 1001
2252	9.4	20 46.97	4.0427	0.0228	38 38 48.7	8.413	0.539	80.6	147 392	38 897
2253	9.1	20 51.03	3.9279	0.0202	35 10 53.9	8.408	0.524	79.9	87 93	35 873
2254	7.4	21 0.51	3.9220	0.0201	34 59 10.7	8.395	0.523	85.0	72 509 625	34 883
2255	8.2	21 14.82	4.0392	0.0226	38 31 8.5	8.376	0.539	80.1	113 125	38 899
2256	8.4	4 21 29.70	+4.0762	+0.0234	+39 33 29.8	+8.357	−0.544	80.0	96 111	39 1004
2257	9.1	21 44.84	4.0467	0.0227	38 42 31.5	8.337	0.540	80.6	147 392	38 901
2258	7.9	21 52.23	4.0785	0.0234	39 36 8.2	8.327	0.545	88.7	111 598 631	39 1008
2259	8.1	21 52.44	4.0669	0.0231	39 16 35.2	8.326	0.543	80.1	113 125	39 1007
2260	8.9	21 56.40	4.0632	0.0230	39 10 5.7	8.321	0.543	88.8 89.2	6 Beob. [1]	39 1009
2261	8.8	4 21 59.94	+4.1006	+0.0238	+40 12 32.9	+8.317	−0.548	84.3	69 81 587	40 973
2262	8.8	22 5.10	4.0557	0.0228	38 56 50.7	8.310	0.542	85.3	350 488 579	38 903
2263	7.9	22 12.50	3.9511	0.0205	35 49 58.4	8.300	0.528	79.9	87 93	35 875
2264	8.0	22 13.41	4.0888	0.0235	39 52 14.4	8.299	0.546	88.3	5 Beob. [2]	39 1012
2265	9.0	22 13.56	3.9195	0.0198	34 50 32.5	8.298	0.524	85.0	72 505 625	*34 885*
2266	9.3	4 22 15.65	+4.0451	+0.0225	+38 37 56.8	+8.296	−0.541	81.5	359 494 499	38 904
2267	8.9	22 16.64	4.0778	0.0232	39 33 40.0	8.294	0.545	85.2	6 Beob. [3]	39 1011
2268	9.2	22 33.77	3.9338	0.0200	35 16 34.1	8.272	0.526	85.0	79 509 625	35 876
2269	8.3	22 44.50	3.9356	0.0200	35 19 14.2	8.257	0.527	80.0	87 93	35 877
2270	6.9[4]	22 51.75	4.0853	0.0233	39 44 10.7	8.248	0.548	84.3	69 81 587	39 1013
2271	8.9	4 22 56.59	+3.9869	+0.0211	+36 53 10.0	+8.241	−0.534	80.1	130 140	36 900
2272	8.3	23 0.96	4.0406	0.0222	38 27 49.1	8.236	0.541	80.1	113 125	38 905
2273	7.9	23 11.26	4.0039	0.0214	37 22 47.6	8.222	0.536	80.6	147[5] 392	37 930
2274	8.3	23 14.74	4.0831	0.0231	39 39 11.6	8.217	0.547	80.0	96 111	39 1016
2275	9.2	23 30.21	3.9721	0.0206	36 24 28.8	8.197	0.532	80.1	130 140	36 902
2276	6.6	4 23 38.55	+3.9745	+0.0207	+36 28 21.5	+8.185	−0.533	80.6	147 392	36 903
2277	9.0	23 43.16	3.9629	0.0204	36 6 57.3	8.179	0.531	86.5 87.5	87 93[6] 598 631	36 904
2278	8.9[7]	23 52.42	3.9667	0.0205	36 13 23.6	8.167	0.532	85.2	350 488 579	36 906
2279	6.3	23 57.33	3.9849	0.0208	36 46 19.9	8.160	0.534	85.2	350 488 579	36 907
2280	8.6	23 58.00	4.0456	0.0221	38 33 21.1	8.160	0.543	84.3	69 81 587	38 907
2281	8.7	4 24 14.79	+3.9590	+0.0202	+35 58 2.7	+8.137	−0.531	85.0	72 505 625	35 879
2282	9.2	24 19.87	3.9491	0.0200	35 39 35.3	8.130	0.530	80.1	130 140	35 880
2283	8.2	24 36.18	3.9766	0.0205	36 29 11.1	8.109	0.534	79.9	87 93	36 910
2284	8.7	24 36.48	4.0972	0.0232	39 58 9.1	8.108	0.550	84.3	69 81 587	39 1019
2285	9.0	24 36.56	3.9935	0.0209	36 59 39.1	8.108	0.536	85.9 86.8	147 392 598 631[8]	36 909
2286	8.5	4 24 47.68	+3.9468	+0.0199	+35 33 48.5	+8.093	−0.530	85.0	72 509 625	35 882
2287	8.7	25 32.77[9]	4.0940	0.0229	39 49 52.4	8.033	0.551	86.5 87.8	5 Beob. [9]	39 1025
2288	8.5	25 38.80	3.9763	0.0203	36 25 14.7	8.025	0.535	85.0	72 505 625	36 911
2289	9.0	25 47.46	4.0184	0.0211	37 40 2.6	8.013	0.541	80.0	96 111	37 936
2290	9.5	25 53.95	3.9320	0.0193	35 2 38.5	8.005	0.529	90.9	93 598; M 325 326	35 883
2291	8.6	4 26 24.71	+4.0616	+0.0219	+38 52 50.5	+7.964	−0.547	80.1	113 125	38 912
2292	7.4	26 44.85	4.0534	0.0217	38 37 43.2	7.937	0.546	80.0	96 111	38 915
2293	8.6	26 53.35	4.0554	0.0217	38 40 45.6	7.925	0.547	80.1	113 125	38 916
2294	7.9	27 2.28	4.0059	0.0206	37 14 10.4	7.913	0.540	80.3	130 140 147 392	37 941
2295	8.9	27 5.78	4.0393	0.0213	38 12 29.9	7.909	0.545	93.1	598 631	38 917
2296	8.1	4 27 8.81	+4.0841	+0.0223	+39 28 22.0	+7.905	−0.551	84.3	69 81 587	39 1030
2297	8.9	27 11.47	3.9352	0.0191	35 4 44.0	7.901	0.531	79.9	87 93	35 884
2298	9.3	27 25.08	4.0912	0.0223	39 39 15.9	7.883	0.552	84.3	69 81 587	39 1032
2299	8.3	27 31.43	3.9464	0.0193	35 24 36.1	7.874	0.533	85.0	72 505 625	35 885
2300	8.7	27 44.60	3.9794	0.0199	36 24 24.6	7.857	0.537	80.1	130 140	36 913

[1] Z. 350 488 579 615 629(*a* ½) 635 [2] Z. 364 382 615 629 635 [3] Z. 96 359 494 499 598 631
[4] Dpl. 10" bor. praec. [5] Dpl. 1"? [6] δ Gew. ½ [7] Dpl. austr. praec. [8] *a* Gew. ½ [9] Z. 69[32s.01] 81 587 598 631

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2301	8.8	4^h 27^m $55^s.46$	$+4^s.0648$	$+0^s.0217$	+38° 53′ 29″.4	+7″.842	−0″.549	86.5	96 111 598 631	38° 919
2302	9.1	28 2.72	3.9674	0.0196	36 1 38.8	7.832	0.536	79.9	87 93	35 887
2303	6.5	28 17.75	3.9899	0.0200	36 41 43.4	7.812	0.539	80.1	130 140	36 914
2304	7.0	28 28.04	4.0065	0.0203	37 10 51.9	7.798	0.542	79.9	87 93	37 947
2305	8.5	29 2.72	4.1084	0.0223	40 2 32.7	7.752	0.556	84.3	69 81 587	39 1036
2306	8.9	4 29 7.07	+3.9717	+0.0195	+36 6 24.6	+7.746	−0.538	88.2	5 Beob. [1]	36 916
2307	9.1	29 19.39	4.0306	0.0206	37 50 28.9	7.729	0.546	80.0	96 111 113 125	37 949
2308	8.7	29 32.04	4.0071	0.0201	37 8 33.8	7.712	0.543	80.1	130 140	37 950
2309	8.5	29 47.96	3.9710	0.0194	36 3 1.4	7.691	0.538	85.0	72 505 625	36 917
2310	8.1	29 51.64	4.0792	0.0215	39 11 43.2	7.686	0.553	84.3	69 81 587	39 1037
2311	8.9	4 29 57.72	+3.9364	+0.0186	+34 58 44.1	+7.678	−0.534	79.9	87 93	34 896
2312	8.4	29 57.75	4.0067	0.0200	37 6 32.9	7.678	0.543	80.6	147 392	37 952
2313	8.9	30 9.51	4.0908	0.0217	39 30 5.5	7.662	0.555	80.0	96 111	39 1038
2314	6.8	30 11.67	4.0444	0.0207	38 11 42.8	7.659	0.548	80.1	113 125	38 921
2315	8.3	30 21.72	4.0695	0.0212	38 53 53.2	7.645	0.552	79.9	76 80	38 922
2316	7.0	4 30 39.83	+3.9805	+0.0194	+36 17 40.3	+7.621	−0.540	79.9	87 93	36 918
2317	8.7	30 53.07	3.9996	0.0197	36 51 22.0	7.603	0.543	80.1	130 140	36 919
2318	8.9	30 58.63	3.9911	0.0195	36 35 46.2	7.595	0.542	80.6	147 392	36 920
2319	7.9	31 8.48	3.9618	0.0189	35 42 12.8	7.582	0.538	85.4	72 509 625	35 893
2320	7.3	31 31.48	4.0947	0.0215	39 32 21.7	7.551	0.557	79.9	76 80	39 1042
2321	8.6	4 31 41.90	+3.9731	+0.0190	+36 1 18.6	+7.537	−0.540	85.0	72 505 625	35 895
2322	8.8	32 5.70	4.0797	0.0210	39 5 48.0	7.505	0.555	80.1	122 134	39 1043
2323	9.4	32 16.05	3.9396	0.0182	34 58 4.6	7.491	0.536	88.7	93 636 642	34 899
2324	7.9	32 23.86	3.9936	0.0192	36 36 11.7	7.480	0.544	85.0	72 509 625	36 924
2325	8.6	32 38.23	4.0895	0.0211	39 20 30.6	7.461	0.557	79.9	76 80	39 1045
2326	8.7	4 33 10.67	+4.0613	+0.0204	+38 31 39.5	+7.417	−0.553	80.1	122 134	38 924
2327	6.3	33 21.02	4.0443	0.0200	38 2 17.6	7.403	0.551	90.4[2]	7 Beob. [3]	37 954
2328	9.4	33 32.62	4.0189	0.0195	37 17 34.2	7.387	0.548	80.1	130 140	37 956
2329	7.7[4]	33 49.33	4.0186	0.0194	37 16 16.4	7.364	0.548	86.5	87 93 636 642	37 957
2330	8.2	34 6.42	3.9636	0.0183	35 37 10.3	7.341	0.541	85.0	72 505 625	35 897
2331	8.3	4 34 9.14	+4.0495	+0.0199	+38 8 50.2	+7.338	−0.553	80.1	122 134	38 926
2332	7.3	34 18.90	3.9788	0.0186	36 4 9.5	7.324	0.543	85.0	72 509 625	36 926
2333	6.5	34 20.25	4.0512	0.0199	38 11 5.8	7.323	0.553	80.1	122 134	38 927
2334	8.6	34 20.88	4.1220	0.0214	40 8 43.2	7.322	0.563	79.9	76 80	40 1026
2335	9.4	34 38.19	3.9736	0.0184	35 53 48.0	7.298	0.543	88.7	93 636 642	35 899
2336	8.5	4 35 7.74	+4.1174	+0.0211	+39 58 57.4	+7.258	−0.563	79.9	76 80	39 1052
2337	8.0	35 29.16	4.0058	0.0188	36 49 13.0	7.229	0.548	79.9	87 93	36 927
2338	9.3	35 42.32	4.0727	0.0201	38 43 40.0	7.211	0.557	80.1	138 144	38 932
2339	7.7	35 55.30	3.9771	0.0182	35 56 37.1	7.193	0.544	85.0	72 505 625	35 900
2340	8.3	35 57.96	4.1062	0.0207	39 38 22.0	7.190	0.562	79.9	76 80	39 1054
2341	8.4	4 36 3.22	+4.0656	+0.0198	+38 30 45.6	+7.182	−0.557	80.1	138 144	38 933
2342	7.0	36 6.72	4.0482	0.0195	38 1 5.0	7.178	0.554	80.6	147 392	37 962
2343	9.0	36 17.68	4.0954	0.0204	39 19 42.8	7.163	0.561	80.1	122 134	39 1056
2344	8.9	36 28.06	4.0272	0.0190	37 23 55.4	7.149	0.552	81.9	491 496	37 963
2345	9.1	36 40.63	3.9599	0.0177	35 23 25.4	7.131	0.543	80.1	130 140	35 903
2346	8.8	4 36 46.74	+4.0155	+0.0187	+37 2 33.2	+7.123	−0.551	81.5	359 494 499	36 930
2347	9.1	36 55.48	3.9857	0.0181	36 9 21.0	7.111	0.547	81.9	491 496	36 931
2348	7.6	36 57.96	3.9452	0.0174	34 55 26.7	7.108	0.541	85.0	72 509 625	34 904
2349	9.0	36 58.31	3.9479	0.0174	35 0 29.7	7.107	0.541	79.9	87 93	34 905
2350	9.1	37 9.00	4.0806	0.0199	38 52 47.9	7.093	0.560	80.1	122 134	38 935

[1] Z. 72 509 598 625 631 [2] E.B. $+0^s.020$ −0″.12 (Porter) [3] Z. 147 392 636 642 644; M 269 274 275 276
[4] Dpl. 1″ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2351	9.0	4h 37m 9s.61	+4s.0320	+0s.0189	+37° 30' 17".9	+7".092	−0".553	80.6	147 392	37° 964
2352	8.5	37 14.52	3.9648	0.0177	35 30 45.6	7.085	0.544	85.0	72 505 625	35 904
2353	9.0	37 20.02	4.1289	0.0208	40 11 16.8	7.078	0.566	79.9	76 80	40 1039
2354	8.9	37 21.69	3.9995	0.0183	36 32 43.8	7.076	0.549	93.1	636 642	36 932
2355	8.7	37 39.99	3.9834	0.0180	36 3 15.8	7.051	0.547	79.9	87 93	36 933
2356	8.1	4 37 48.12	+4.0859	+0.0198	+38 59 47.9	+7.039	−0.561	80.1	122 134	38 936
2357	6.1	38 7.12	4.1263	0.0205	40 4 58.0	7.013	0.567	86.5	76 80 636 642	40 1045
2358	8.7	38 21.64	4.0209	0.0185	37 7 42.7	6.994	0.553	86.8	147 392 615 644	37 966
2359	8.6	38 23.86	4.0176	0.0184	37 1 53.0	6.991	0.552	80.1	130 140	36 934
2360	9.2	38 31.68	3.9761	0.0177	35 47 51.6	6.980	0.547	86.5	87 93 636 642	35 905
2361	8.9	4 38 41.35	+4.0001	+0.0180	+36 30 18.1	+6.967	−0.551	93.1	615 644	36 935
2362	9.1	39 2.81	3.9490	0.0171	34 57 8.2	6.937	0.543	85.0	72 509 625	34 907
2363	8.7	39 6.11	4.1251	0.0203	40 0 15.8	6.933	0.568	80.1	122 134	39 1065
2364	9.1	39 15.57	4.1281	0.0203	40 4 43.9	6.920	0.568	79.9	76 80	40 1051
2365	8.7	39 23.17	4.0890	0.0195	39 0 27.5	6.909	0.562	80.1	122 134	38 940
2366	6.9	4 39 24.90	+4.0009	+0.0180	+36 29 43.0	+6.907	−0.551	80.0	87 93 130 140	36 937
2367	8.8	39 31.54	4.1160	0.0201	39 44 24.2	6.898	0.567	79.9	76 80	39 1069
2368	8.6	40 2.07	4.0167	0.0181	36 56 4.0	6.856	0.554	80.1	130 140	36 938
2369	8.8	40 16.76	3.9659	0.0171	35 24 37.4	6.836	0.547	85.0	72 505 625	35 907
2370	8.8	40 27.10	4.0900	0.0193	38 59 30.4	6.822	0.564	80.6	147 392	38 942
2371	8.8	4 40 53.25	+4.1110	+0.0196	+39 32 44.8	+6.786	−0.567	79.9	76 80	39 1074
2372	9.4	40 53.59	4.1025	0.0194	39 18 50.3	6.786	0.566	80.1	122 134	39 1075
2373	8.6	40 59.98	4.0918	0.0192	39 0 55.3	6.777	0.565	80.6	147 392	38 944
2374	7.8	41 5.56	4.0245	0.0180	37 6 45.6	6.769	0.555	79.9	87 93	37 968
2375	5.5	41 29.91	4.0304	0.0180	37 15 55.0	6.736	0.557	85.4	22 Beob.[1]	37 969
2376	8.4	4 41 40.38	+4.1144	+0.0195	+39 36 13.0	+6.721	−0.568	79.9	76 80	39 1079
2377	9.1	42 18.89	3.9961	0.0172	36 13 46.1	6.668	0.553	83.0	5 Beob.[2]	36 942
2378	9.0	42 20.24	4.0299	0.0178	37 12 57.7	6.666	0.557	88.7	130 636 642	37 973
2379	7.4	42 26.37	4.0414	0.0180	37 32 25.2	6.658	0.559	80.1	122 134	37 974
2380	8.7	42 32.67	4.0089	0.0174	36 35 45.9	6.649	0.555	79.9	87 93	36 943
2381	9.6	4 42 53.34	+4.1226	+0.0193	+39 46 13.5	+6.621	−0.570	89.0	6 Beob.[3]	39 1085
2382	6.6	43 11.02	3.9762	0.0167	35 36 6.2	6.597	0.551	88.3	5 Beob.[4]	35 914
2383	8.4	43 33.53	4.1105	0.0189	39 25 0.0	6.566	0.569	79.9	76 80	39 1087
2384	8.6	43 37.99	4.0219	0.0174	36 55 46.2	6.560	0.557	88.7	130 615 644	36 946
2385	9.5	43 49.20	4.0683	0.0181	38 14 31.6	6.544	0.564	80.1	138 144	38 953
2386	8.3	4 43 49.29	+3.9906	+0.0168	+36 0 20.0	+6.544	−0.553	85.0	72 505 625	35 916
2387	8.2	43 53.76	4.0983	0.0186	39 4 16.0	6.538	0.568	80.1	122 134	39 1090
2388	7.4	43 58.17	4.0052	0.0170	36 25 43.3	6.532	0.555	81.5	359 494 499	36 948
2389	8.4	44 3.90	3.9995	0.0169	36 15 29.2	6.524	0.554	81.9	491 496	36 949
2390	8.6	44 4.86	4.0704	0.0181	38 17 31.3	6.522	0.564	80.6	147 392	38 955
2391	9.5	4 44 7.70	+4.0462	+0.0177	+37 36 19.5	+6.519	−0.561	80.1	138 144	37 979
2392	5.3	44 16.04	4.0077	0.0170	36 29 22.5	6.507	0.556	91.8	9 Beob.[5]	36 952
2393	7.7	44 37.88	3.9778	0.0165	35 35 26.4	6.477	0.552	85.0	72 509 625	35 917
2394	9.4	44 40.47	4.0682	0.0180	38 12 20.2	6.473	0.564	80.1	122 134	38 960
2395	8.9	44 40.66	3.9713	0.0163	35 23 38.8	6.473	0.551	81.9	491 496	35 918
2396	8.7	4 44 46.26	+3.9967	+0.0167	+36 8 46.9	+6.465	−0.555	79.9	87 93	36 954
2397	6.9	45 11.95	4.0126	0.0169	36 35 44.6	6.430	0.557	80.1	130 140	36 957
2398	8.9	45 17.62	4.0820	0.0181	38 33 44.6	6.422	0.567	87.0	147 392 615 644	38 963
2399	8.0	45 18.87	4.1274	0.0188	39 47 44.7	6.420	0.573	79.9	76 80	39 1096
2400	9.6	45 18.92	4.0637	0.0177	38 3 16.0	6.420	0.564	82.7 84.4	138 144 636[6]	38 964

[1] Z. 615 636 642 644; M 57 58 59 63 64 65 66 154 155 220 221 223 224 226 274 275 276 277
[2] Z. 72 87 93 505 625 [3] Z. 392 491 496(½); R(3) [4] Z. 72 509 625 636 642
[5] Z. 615 636 642 644; M 155 274 275 276 277 [6] *a* Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2401	8.6	4^h 45^m $31^s.04$	$+4^s.1122$	$+0^s.0185$	+39° 22' 50".6	+6".403	−0".571	79.9	76 80	39° 1099
2402	7.7	45 33.58	4.0114	0.0168	36 32 49.8	6.400	0.557	79.9	87 93	36 958
2403	8.6	45 49.97	3.9794	0.0162	35 35 24.8	6.377	0.553	87.0	72 505 625 636	35 922
2404	8.7	46 10.83	4.0927	0.0180	38 49 23.7	6.349	0.569	80.1	122 134	38 969
2405	8.7	46 17.80	3.9941	0.0165	36 0 31.5	6.339	0.555	85.0	72 509 625	35 925
2406	8.7	4 46 20.74	+4.0168	+0.0167	+36 40 21.2	+6.335	−0.558	80.1	130 140	36 961
2407	9.0	46 23.90	4.0839	0.0180	38 34 12.7	6.330	0.568	80.6	147 392	38 972
2408	9.3	46 27.89	4.1274	0.0187	39 45 0.1	6.325	0.574	80.1	122 134	39 1104
2409	9.1	46 29.75	4.0430	0.0172	37 25 14.2	6.322	0.562	80.6	147 392	37 985
2410	8.3	46 30.27	4.1256	0.0185	39 41 55.1	6.322	0.574	79.9	76 80	39 1105
2411	9.0	4 46 35.11	+4.0171	+0.0168	+36 40 18.7	+6.315	−0.559	80.1	130 140	36 962
2412	9.0	46 47.10	4.0844	0.0179	38 34 9.5	6.298	0.568	86.6	144 636	38 973
2413	8.9	47 14.34	3.9680	0.0159	35 11 37.9	6.260	0.552	79.9	87 93	35 928
2414	8.5	47 30.89	4.0826	0.0176	38 29 22.9	6.238	0.569	80.1	138 144	38 977
2415	9.5	47 32.28	3.9881	0.0160	35 46 52.7	6.237	0.555	93.0	7 Beob. [1]	35 929
2416	8.6	4 47 50.70	+4.0570	+0.0171	+37 45 47.8	+6.210	−0.565	86.8	147 392 636 642	37 990
2417	8.3	47 52.86	4.1378	0.0184	39 57 59.6	6.207	0.577	79.9	76 80	39 1109
2418	8.9	47 58.65	4.0639	0.0172	37 57 2.3	6.199	0.566	81.9	491 496	37 991
2419	6.9	47 59.67	3.9949	0.0160	35 57 56.5	6.198	0.557	85.4	72 505 625	35 930
2420	8.9	48 1.45	4.0832	0.0175	38 29 11.6	6.195	0.569	81.5	359 494 499	38 979
2421	8.5	4 48 8.39	+4.1053	+0.0178	+39 5 15.9	+6.186	−0.572	80.1	122 134	39 1112
2422	8.9	48 22.58	4.1257	0.0181	39 37 37.8	6.166	0.575	80.1	138 144	39 1113
2423	9.1	48 23.08	3.9938	0.0159	35 55 5.7	6.165	0.557	85.0	72 509 625	35 932
2424	8.8	48 28.58	4.0925	0.0175	38 43 26.5	6.158	0.571	81.5	359 494 502	38 980
2425	8.6	48 30.95	4.0545	0.0169	37 39 53.9	6.154	0.565	80.6	147 392	37 996
2426	8.6	4 48 33.61	+4.1047	+0.0177	+39 3 14.2	+6.151	−0.572	79.9	76 80	39 1114
2427	8.3	49 5.15	4.1139	0.0177	39 16 52.0	6.107	0.574	80.1	122 134	39 1116
2428	7.9	49 14.42	4.1198	0.0178	39 26 2.4	6.094	0.575	86.6	138 144 636 642	39 1117
2429	8.9	49 20.93	4.1128	0.0176	39 14 30.6	6.085	0.574	81.9	491 496	39 1118
2430	8.7	49 28.49	3.9825	0.0156	35 32 33.4	6.074	0.556	88.7	93 615 644	35 936
2431	6.9	4 49 34.04	+4.1363	+0.0180	+39 51 44.2	+6.067	−0.574	80.1	122 134	39 1122
2432	8.7	49 49.61	4.0873	0.0171	38 31 47.8	6.045	0.571	80.6	147 392	38 985
2433	6.5	50 2.33	4.0378	0.0163	37 8 1.8	6.027	0.564	79.9	87 93	37 1002
2434	8.5	50 2.80	3.9631	0.0152	34 56 21.8	6.027	0.554	85.0	72 505 625	34 930
2435	8.7	50 8.12	4.1444	0.0180	40 3 13.0	6.019	0.579	93.1	636 642	40 1116
2436	8.9	4 50 17.53	+4.1458	+0.0179	+40 5 5.2	+6.006	−0.580	79.9	76 80	40 1118
2437	8.4	50 20.81	4.1382	0.0178	39 52 59.4	6.001	0.579	80.1	122 134	39 1127
2438	8.8	50 25.76	4.0844	0.0169	38 25 35.0	5.995	0.571	86.6	138 144 615 644	38 986
2439	9.0	50 29.34	4.0953	0.0171	38 43 21.0	5.990	0.573	81.5	359 494[2] 499	38 987
2440	8.7	50 31.22	4.1460	0.0179	40 4 51.5	5.987	0.580	79.9	76 80	[40 1121]
2441	6.3[3]	4 50 46.46	+4.0587	+0.0165	+37 41 54.6	+5.966	−0.568	93.1	6 Beob. [4]	37 1005
2442	8.6	50 49.79	4.0823	0.0168	38 21 7.5	5.961	0.571	80.6	147 392	38 988
2443	9.4	50 55.35	4.1111	0.0172	39 8 11.8	5.953	0.575	81.9	491 496	39 1131
2444	8.5	51 10.02	4.1069	0.0171	39 0 49.6	5.933	0.575	80.1	138 144	38 990
2445	8.6	51 23.62	3.9789	0.0151	35 21 54.9	5.914	0.557	85.0	72 509 625	35 941
2446	8.1	4 51 39.55	+4.1499	+0.0177	+40 8 23.4	+5.892	−0.581	86.6	76 80; M 274 275	40 1125
2447	8.9	51 39.56	4.0136	0.0156	36 22 30.2	5.892	0.562	88.2	5 Beob. [5]	36 972
2448	5.5	51 42.92	4.1147	0.0171	39 12 10.6	5.887	0.576	81.6	359 494 502	39 1133
2449	6.8	51 46.48	4.1245	0.0172	39 27 48.0	5.882	0.578	81.0	364 382	39 1134
2450	8.8	51 58.24	4.1183	0.0171	39 17 24.6	5.866	0.577	93.1	636 642	39 1135

[1] Z. 496 615; M 325 326; R(3) [2] *a* Gew. ½ [3] Dpl. austr. [4] Z. 615 636 642 644; M 276 277
[5] Z. 72 505 615 625 644

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2451	8.5	4^h 51^m $58^s.90$	$+4^s.0935$	$+0^s.0167$	+38° 37' 2".4	+5".865	−0".573	80.6	147 392	38° 993
2452	7.0	52 1.89	4.1467	0.0175	40 2 29.7	5.861	0.581	80.1	122 134	40 1128
2453	7.0	52 10.24	4.0164	0.0155	36 26 12.5	5.849	0.563	79.9	87 93	36 975
2454	9.2[1]	52 12.65	4.1086	0.0169	39 1 11.4	5.846	0.576	81.9	491 496	38 994
2455	8.6	52 30.79	4.0799	0.0164	38 13 29.4	5.820	0.572	80.1	138 144	38 997
2456	8.5	4 52 36.40	+4.0221	+0.0155	+36 35 11.9	+5.813	−0.564	80.1	130 140	36 977
2457	8.2	52 37.98	3.9760	0.0148	35 13 58.9	5.810	0.558	85.0	72 509 625	35 949
2458	9.1	52 39.39	4.0041	0.0152	36 3 49.1	5.808	0.561	81.5	359 494 499	36 978
2459	7.8	52 44.79	4.1375	0.0172	39 46 18.3	5.801	0.580	80.1	122 134	39 1138
2460	8.9	52 44.87	4.0775	0.0163	38 8 50.9	5.801	0.572	81.0	364 382	38 1000
2461	9.4	4 52 57.97	+4.1055	+0.0167	+38 54 30.7[3]	+5.783	−0.576	91.4 94.1	5 Beob.[2]	38 1002
2462	8.3	53 0.95	4.1112	0.0167	39 3 40.5	5.778	0.577	81.9	491 496	39 1142
2463	9.2	53 2.81	4.1123	0.0168	39 5 20.1	5.776	0.577	81.9	491 496	39 1143
2464	8.9	53 3.56	4.0380	0.0156	37 1 32.6	5.775	0.566	81.0	364 382	36 979
2465	7.0	53 9.58	4.0945	0.0165	38 36 4.5	5.766	0.574	80.1	138 144	38 1004
2466	8.6	4 53 9.64	+3.9945	+0.0150	+35 45 41.3	+5.766	−0.560	79.9	87 93	35 951
2467	7.9	53 12.19	4.0450	0.0157	37 13 20.5	5.763	0.568	80.6	147 392	37 1014
2468	8.6	53 17.94	4.1538	0.0173	40 10 46.5	5.755	0.583	79.9	76 80	40 1137
2469	8.8	53 17.94	4.0782	0.0162	38 8 51.5	5.755	0.572	89.0	502 636 642	38 1005
2470	8.7	53 38.40	4.1533	0.0172	40 9 19.5	5.726	0.583	79.9	76 80	40 1141
2471	8.8	4 53 45.67	+4.0581	+0.0158	+37 34 14.9	+5.716	−0.570	80.6	147 392	37 1019
2472	9.0	53 46.39	4.0455	0.0156	37 12 53.4	5.715	0.568	80.1	130 140	37 1020
2473	8.2	53 46.48	3.9946	0.0149	35 44 39.7	5.715	0.561	85.0	72 505 625	35 953
2474	8.7	53 46.66	4.1020	0.0164	38 47 5.0	5.715	0.576	80.1	122 134	38 1006
2475	8.9	54 10.14	4.0222	0.0152	36 32 2.7	5.682	0.565	79.9	87 93	36 983
2476	8.8	4 54 21.57	+4.0557	+0.0156	+37 28 57.0	+5.666	−0.570	80.1	122 134	37 1026
2477	7.8	54 42.11	4.0410	0.0153	37 3 11.0	5.637	0.568	79.9	87 93	37 1027
2478	8.0	54 48.11	4.1450	0.0168	39 53 39.1	5.628	0.583	79.9	76 80	39 1152
2479	7.2	55 11.85	4.0428	0.0152	37 5 14.7	5.595	0.569	80.1	130 140	37 1031
2480	9.0	55 29.23	4.1261	0.0164	39 22 15.3	5.571	0.580	87.9 88.7	134 636 642[3]	39 1156
2481	8.0	4 55 31.02	+4.1008	+0.0160	+38 41 21.3	+5.568	−0.577	80.6	147 392	38 1012
2482	8.6	55 31.70	4.0323	0.0150	36 46 36.1	5.568	0.567	85.0	72 509 625	36 991
2483	8.9	55 33.54	4.0283	0.0150	36 39 44.7	5.565	0.567	89.4	491 636 642	36 992
2484	8.7	55 35.98	4.0242	0.0149	36 32 31.2	5.561	0.566	80.1	130 140	36 993
2485	8.8[4]	55 45.66	3.9918	0.0144	35 35 33.8	5.548	0.562	85.0	72 505 625	35 961
2486	8.4	4 55 58.65	+4.1426	+0.0165	+39 47 24.6	+5.530	−0.583	79.9	76 80	39 1157
2487	8.9	56 1.35	3.9964	0.0144	35 43 9.1	5.526	0.563	79.9	87 93	35 964
2488	8.4	56 3.83	4.1369	0.0164	39 38 15.0	5.522	0.582	88.7	144 615 644	39 1159
2489	8.6	56 31.47	4.1174	0.0160	39 6 5.4	5.484	0.580	80.1	122 134	39 1163
2490	8.9	56 33.28	3.9837	0.0142	35 19 29.6	5.481	0.561	85.0	72 509 625	35 966
2491	9.0	4 56 37.13	+4.1490	+0.0165	+39 56 6.2	+5.476	−0.585	79.9	76 80	39 1164
2492	8.9	56 45.33	4.1548	0.0165	40 4 57.5	5.464	0.586	93.1	636 642	40 1166
2493	8.8	56 59.36	4.1285	0.0161	39 22 54.2	5.444	0.582	80.6	147 392	39 1165
2494	8.5	57 21.34	4.1300	0.0160	39 24 27.3	5.414	0.582	93.1	636 642	39 1167
2495	8.6	57 25.68	3.9904	0.0141	35 29 46.9	5.408	0.563	80.1	130 140	35 971
2496	7.4	4 57 28.52	+3.9964	+0.0142	+35 40 15.9	+5.404	−0.564	81.0	364 382	35 972
2497	6.3	57 40.09	3.9997	0.0141	35 45 43.5	5.387	0.564	85.4	72 505 625	35 973
2498	9.4	57 41.14	4.1571	0.0163	40 6 36.5	5.386	0.587	79.9	76 80	— —
2499	8.7	57 45.63	4.0022	0.0142	35 49 53.7	5.380	0.565	79.9	87 93	35 974
2500	8.0	57 47.47	4.1478	0.0162	39 51 51.4	5.377	0.585	80.1	122 134	39 1169

[1] Dpl. bor. praec. [2] Z. 359[24".6] 636 642; M 325 326 [3] *a* Gew. ½ [4] Dpl. 3" med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2501	8.6	$4^h\ 57^m\ 49^s.36$	$+4^s.0985$	$+0^s.0156$	+38° 32′ 45″.5	+5″.374	−0″.578	81.9	491 496	38° 1019
2502	8.7	57 56.53	4.0202	0.0144	36 20 56.7	5.364	0.567	81.9	491 496	36 1000
2503	8.7	57 57.81	4.0441	0.0147	37 1 50.7	5.363	0.571	80.6	147 392	37 1040
2504	8.6	57 58.66	4.1429	0.0161	39 43 46.5	5.361	0.585	80.1	138 144	39 1170
2505	7.8	58 1.90	4.0915	0.0153	38 20 56.6	5.357	0.577	81.5	359 494 502	38 1020
2506	7.3	4 58 10.33	+3.9876	+0.0139	+35 23 22.4	+5.345	−0.563	80.1	130 140	35 976
2507	8.1	58 12.58	3.9860	0.0139	35 20 25.4	5.342	0.563	81.0	364 382	35 977
2508	9.1	58 30.77	3.9903	0.0139	35 27 29.2	5.316	0.563	79.9	87 93	35 980
2509	8.9	58 51.54	3.9951	0.0139	35 35 6.1	5.287	0.564	85.0	72 509 625	35 981
2510	8.9	58 52.46	4.1041	0.0153	38 39 43.5	5.286	0.580	89.4	491 636 642	38 1024
2511	9.0	4 58 54.09	+4.1042	+0.0153	+38 39 53.7	+5.283	−0.580	81.7	359 494 496 499	38 1025
2512	8.7	58 55.24	4.1540	0.0160	39 59 12.9	5.282	0.587	79.9	76 80	39 1174
2513	8.8	58 59.67	4.0338	0.0143	36 42 10.7	5.276	0.570	81.0	375 378	36 1004
2514	8.3	59 8.41	4.0608	0.0146	37 27 41.5	5.263	0.574	80.6	147 392	37 1046
2515	8.2	59 11.93	4.1462	0.0159	39 46 29.4	5.258	0.586	80.1	122 134	39 1175
2516	8.1	4 59 13.84	+4.1427	+0.0158	+39 40 56.9	+5.255	−0.585	80.1	138 144	39 1176
2517	8.5	59 28.23	3.9785	0.0135	35 4 35.9	5.235	0.562	80.1	130 140	35 986
2518	8.5	59 35.80	4.0742	0.0147	37 49 4.5	5.224	0.576	81.5	359 494 502	37 1051
2519	9.1	59 36.66	4.0408	0.0143	36 52 55.9	5.223	0.571	81.0	375[1] 378	36 1009
2520	9.1	59 40.98	4.1130	0.0152	38 52 32.1	5.217	0.581	81.0	364 382	38 1032
2521	8.0	4 59 41.46	+4.1387	+0.0156	+39 33 36.2	+5.217	−0.585	79.9	76 80	39 1180
2522	8.5[2]	59 43.73	4.0094	0.0138	35 58 35.9	5.213	0.567	79.9	87 93	35 987
2523	8.4	59 45.17	4.0984	0.0150	38 28 44.3	5.211	0.579	80.1	138 144	38 1033
2524	9.2	59 47.50	4.0390	0.0142	36 49 31.1	5.208	0.571	81.9	491 496	36 1012
2525	8.3	59 50.37	4.1444	0.0156	39 42 18.9	5.204	0.586	81.0	364 382	39 1183
2526	9.2	4 59 54.85	+4.1482	+0.0157	+39 48 5.5	+5.198	−0.587	80.1	122 134	39 1184
2527	8.4	59 55.89	4.0101	0.0138	35 59 23.5	5.197	0.567	80.1	130 140	35 991
2528	8.0	59 58.56	4.0720	0.0146	37 44 48.4	5.193	0.576	80.6	147 392	37 1053
2529	8.5	5 0 12.18	4.0617	0.0144	37 27 7.1	5.173	0.575	87.1	375 378 632 637	37 1055
2530	7.6	0 16.65	4.1304	0.0153	39 19 18.9	5.167	0.584	81.5	359 494 499	39 1191
2531	9.3	5 0 17.45	+4.0194	+0.0139	+36 14 59.4	+5.166	−0.569	81.9	491 496	36 1014
2532	9.0	0 26.76	4.0074	0.0137	35 53 47.6	5.153	0.567	88.7	101 632 637	35 992
2533	8.5	0 30.47	4.1125	0.0150	38 50 11.3	5.148	0.582	85.1	401 651 M 168	[38 1035]
2534	8.9	0 33.38	3.9733	0.0133	34 53 13.9	5.143	0.562	80.0	82 114	34 954
2535	8.7	0 35.34	4.0709	0.0145	37 41 42.9	5.141	0.576	81.1	383 395	37 1056
2536	8.9	5 0 52.89	+4.1135	+0.0149	+38 51 7.4	+5.116	−0.582	85.1	372 398 599	38 1040
2537	6.9	1 2.62	4.1015	0.0148	38 31 16.1	5.102	0.581	80.1	138 144	38 1041
2538	8.6	1 4.41	4.1352	0.0152	39 25 19.7	5.100	0.585	79.9	76 80	39 1192
2539	7.9	1 14.13	4.0653	0.0143	37 31 11.4	5.086	0.576	81.9	491 496	37 1060
2540	9.1	1 16.25	4.0630	0.0142	37 27 12.7	5.083	0.575	85.1	372 398 599	37 1061
2541	8.3	5 1 19.22	+4.1571	+0.0155	+39 59 22.8	+5.079	−0.589	80.1	122 134	39 1194
2542	8.6	1 26.59	3.9805	0.0132	35 4 23.3	5.069	0.564	80.0	82 114	35 995
2543	8.3	1 30.33	4.0415	0.0139	36 50 29.1	5.063	0.573	80.1	118 145	36 1021
2544	8.4[3]	1 31.06	4.0906	0.0145	38 12 38.3	5.062	0.579	93.1	643 645 646	38 1045
2545	8.8	1 33.07	4.0166	0.0136	36 7 40.8	5.059	0.569	81.0	375 378	36 1023
2546	8.8	5 1 42.11	+4.0544	+0.0140	+37 11 58.9	+5.046	−0.574	81.1	383 395	37 1065
2547	8.7	1 47.40	4.0252	0.0136	36 22 8.4	5.039	0.570	80.1	118 145	36 1025
2548	8.9	1 49.23	4.0905	0.0145	38 11 45.7	5.036	0.580	80.1	122 134	38 1048
2549	6.8[4]	1 51.38	4.0524	0.0140	37 8 24.6	5.033	0.574	88.3	5 Beob.[5]	37 1067
2550	8.6	2 7.04	4.0365	0.0137	36 40 51.4	5.011	0.572	88.4	5 Beob.[6]	36 1026

[1] Dpl. praec. [2] Dpl. 10″ [3] 7.9 9.2 8.0; BD 8.4 [4] Dpl. med. [5] Z. 393 401 632 637 651
[6] Z. 372 398 599 643 646

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2551	8.9	5h 2m 10.44s	+4.0737s	+0.0142s	+37° 43' 29.2"	+5.007"	−0.577"	81.1	383 395	37° 1069
2552	8.7	2 12.11	4.0340	0.0136	36 36 23.3	5.004	0.572	85.1	393 401 651	36 1027
2553	9.2	2 12.27	4.0819	0.0142	37 57 2.2	5.004	0.579	81.9	491 496	37 1070
2554	8.4	2 20.08	4.0054	0.0133	35 46 40.7	4.993	0.568	80.0	101 104	35 1001
2555	9.0	2 24.40[1]	4.0200	0.0134	36 11 59.2	4.987	0.570	88.4 87.4	8 Beob. [1]	36 1028
2556	8.2[2]	5 2 25.41	+4.1254	+0.0148	+39 7 16.3	+4.985	−0.585	79.9	76 80	39 1198
2557	*9.0	2 26.79	4.0200	0.0134	36 11 50.7	4.984	0.570	95.3	R(3)	36 1030
2558	8.6	2 40.38	4.0534	0.0138	37 8 32.4	4.964	0.575	81.9	491 496	37 1074
2559	8.7	2 48.92	4.1456	0.0149	39 28 34.2	4.952	0.588	86.5	76 80 632 637	39 1200
2560	7.8	2 51.63	3.9862	0.0129	35 11 58.7	4.948	0.565	80.0	82 114	35 1003
2561	7.3	5 3 5.75	+4.0539	+0.0137	+37 8 34.4	+4.928	−0.575	81.1	383 395	37 1076
2562	8.6	3 9.27	4.0721	0.0139	37 38 53.7	4.923	0.578	81.0	375 378	37 1077
2563	6.9	3 12.40	4.0070	0.0131	35 47 55.6	4.919	0.569	80.0	101 104	35 1004
2564	8.7	3 14.19	4.1517	0.0149	39 47 15.5	4.916	0.589	80.1	122 134	39 1201
2565	8.6	3 18.16	4.1398	0.0147	39 28 25.4	4.911	0.587	80.1	138 144	39 1202
2566	8.7	5 3 20.16	+4.1602	+0.0150	+40 0 23.2	+4.908	−0.590	80.1	138 144	39 1203
2567	8.9	3 24.82	4.0481	0.0136	36 58 10.5	4.901	0.575	80.0	82 114	36 1035
2568	6.8	3 34.13	4.1581	0.0149	39 56 41.3	4.888	0.590	80.1	122 134	39 1205
2569	8.7	3 36.33	4.1428	0.0147	39 32 40.2	4.885	0.588	79.9	76 80	39 1206
2570	8.3	3 52.09	4.1043	0.0142	38 30 32.0	4.863	0.583	81.9	491 496	38 1060
2571	8.8	5 4 9.33	+4.0513	+0.0134	+37 2 11.8	+4.838	−0.575	80.0	101 104	37 1082
2572	8.0	4 23.70	4.0713	0.0136	37 35 21.5	4.819	0.578	81.0	375 378	37 1084
2573	8.7	4 30.81	4.1614	0.0147	39 59 59.1	4.808	0.591	80.1	122 134	39 1213
2574	7.6	4 31.97	4.1629	0.0147	40 2 23.1	4.806	0.591	79.9	76 80	40 1213
2575	8.6	4 50.75	3.9878	0.0126	35 11 21.8	4.780	0.567	80.0	82 114	35 1009
2576	6.7	5 4 50.78	+4.0574	+0.0134	+37 11 18.0	+4.780	−0.577	88.3	5 Beob. [3]	37 1091
2577	**5.6**	**4 52.59**	**4.0990**	**0.0139**	**38 20 2.1**	**4.777**	**0.583**		**Fund. Cat.**	38 1063
2578	9.2	4 58.66	4.0193	0.0129	36 6 14.8	4.769	0.571	81.0	375 378	36 1045
2579	9.1	5 0.83	4.0853	0.0137	37 57 25.6	4.766	0.581	87.5	491 496 632 637	37 1093
2580	7.9	5 11.12	3.9988	0.0126	35 30 2.0	4.751	0.569	80.0	101 104	35 1012
2581	8.5	5 5 11.27	+4.1192	+0.0140	+38 52 12.3	+4.751	−0.586	80.1	138 144	38 1065
2582	9.0	5 14.29	4.0783	0.0135	37 45 29.7	4.747	0.580	81.1	383 395	37 1094
2583	8.3	5 14.68	4.0005	0.0126	35 32 56.0	4.746	0.569	80.1	118 145	35 1014
2584	7.1	5 22.38	4.0470	0.0131	36 52 55.5	4.735	0.576	80.1	118 145	36 1047
2585	8.2	5 29.69	4.0534	0.0132	37 3 21.9	4.725	0.577	81.0	375 378	37 1097
2586	7.7	5 5 31.00	+4.1661	+0.0145	+40 5 28.6	+4.723	−0.593	79.9	76 80	40 1215
2587	8.0	5 36.28	4.0431	0.0130	36 45 54.5	4.715	0.575	80.0	101 104	36 1049
2588	8.9	5 41.29	4.1306	0.0141	39 9 31.3	4.708	0.588	80.1	122 134	39 1218
2589	7.4	5 46.40	4.1328	0.0141	39 12 52.8	4.701	0.588	80.1	138 144	39 1219
2590	9.1	5 55.05	4.0900	0.0135	38 3 36.1	4.689	0.582	87.1	372 599	[38 1070]
2591	8.5	5 5 59.66	+4.1520	+0.0142	+39 42 38.7	+4.682	−0.591	81.9	491 496	39 1220
2592	8.4	6 1.11	4.0907	0.0135	38 4 33.7	4.680	0.582	81.1	383 395 398	38 1071
2593	8.9	6 8.39	4.0918	0.0135	38 6 7.4	4.670	0.582	93.1	632 637	38 1072
2594	8.2	6 17.83	4.1391	0.0140	39 21 53.9	4.656	0.589	81.9	491 496	39 1224
2595	8.6	6 20.24	4.0161	0.0125	35 58 12.9	4.653	0.572	80.0	82 114	35 1021
2596	8.5	5 6 28.51	+4.1630	+0.0143	+39 59 3.8	+4.641	−0.593	80.1	122 134	39 1225
2597	8.7	6 37.71	4.1445	0.0140	39 29 48.2	4.628	0.590	79.9	76 80	39 1226
2598	8.0	6 39.36	3.9903	0.0122	35 12 34.8	4.626	0.568	80.0	82 114	35 1022
2599	8.9	7 4.18	4.1034	0.0134	38 23 22.6	4.591	0.585	80.1	138 144	38 1079
2600	9.1	7 5.42	4.0968	0.0133	38 12 37.3	4.589	0.584	81.9	491 496	38 1080

[1] Z. 118 [24.02s] 145 375 378 643 646; M 326 327 [2] Dpl. 14" [3] Z. 372 398 599 632 637

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
2601	9.0	5^h 7^m $21^s.41$	$+4^s.0617$	$+0^s.0129$	+37° 14' 18".6	+4".566	−0".579	80.0	101 104	37° 1109
2602	8.9	7 26.85	4.0382	0.0126	36 34 18.4	4.558	0.576	80.1	118 145	36 1060
2603	9.1	7 29.86	4.0543	0.0128	37 1 36.3	4.554	0.578	81.0	375 378	37 1111
2604	9.0	7 43.11	4.0469	0.0126	36 48 42.1	4.535	0.577	81.7	375 378 632 637	36 1062
2605	8.9	7 43.66	4.1121	0.0134	38 36 19.5	4.535	0.586	80.1	138 144	38 1084
2606	8.6	5 7 47.07	+4.1543	+0.0138	+39 43 10.5	+4.530	−0.592	87.8	5 Beob. [1]	39 1231
2607	8.7	8 0.43	3.9929	0.0120	35 15 1.2	4.511	0.569	86.5	82 114 632 637	35 1026
2608	8.5	8 2.50	3.9907	0.0119	35 11 7.4	4.508	0.569	80.0	101 104	35 1027
2609	8.8	8 3.68	4.1235	0.0134	38 54 9.5	4.506	0.588	81.9	491 496	38 1087
2610	7.4	8 6.03	4.0163	0.0122	35 55 42.3	4.503	0.573	80.1	118 145	35 1028
2611	8.9	5 8 10.41	+4.1079	+0.0132	+38 28 50.6	+4.496	−0.586	81.1	383 395	38 1088
2612	8.6	8 10.51	4.0925	0.0130	38 3 44.1	4.496	0.584	80.1	138 144	38 1089
2613	8.7	8 11.38	4.0517	0.0125	36 56 3.6	4.496	0.578	81.0	375 378	36 1066
2614	9.0	8 13.55	4.1594	0.0138	39 50 13.0	4.492	0.593	80.1	122 134	39 1233
2615	8.6	8 15.95	4.0719	0.0128	37 29 36.8	4.489	0.581	85.1	372 398 599	37 1115
2616	8.7	5 8 25.09	+4.0297	+0.0123	+36 18 13.5	+4.476	−0.575	80.1	118 145	36 1067
2617	7.2	8 34.00	4.1399	0.0135	39 19 18.1	4.463	0.591	79.9	76 80	39 1236
2618	8.8	8 40.16	4.0777	0.0128	37 38 29.5	4.454	0.582	81.1	393[2] 401	37 1117
2619	8.4	8 46.49	3.9912	0.0118	35 10 45.9	4.445	0.569	80.0	82 114	35 1031
2620	8.8	9 3.99	3.9875	0.0117	35 3 46.4	4.420	0.569	84.3	101 104 632	35 1033
2621	9.2	5 9 7.50	+4.0894	+0.0128	+37 57 11.3	+4.415	−0.584	81.1	383 395	37 1122
2622	8.9	9 12.56	4.0759	0.0126	37 34 44.8	4.408	0.582	85.1	372 398 599	37 1123
2623	9.0	9 17.78	4.1444	0.0134	39 25 11.5	4.401	0.592	84.3	122 134 643	39 1241
2624	8.9	9 27.78	4.0542	0.0123	36 58 10.8	4.388	0.579	80.1	118 145	36 1072
2625	8.3	9 34.42	3.9878	0.0116	35 3 28.8	4.377	0.569	84.4	82 114 638	35 1038
2626	7.9	5 9 40.14	+4.0739	+0.0125	+37 30 40.6	+4.369	−0.582	83.5	5 Beob. [3]	37 1127
2627	8.7	9 41.18	4.1233	0.0130	38 51 9.5	4.368	0.589	81.9	491 496	38 1105
2628	9.1	9 48.68	3.9906	0.0116	35 8 3.0	4.357	0.570	80.0	101 104	35 1039
2629	9.2	9 53.75	4.1457	0.0132	39 26 13.0	4.350	0.592	95.1	M 325[4] 326	39 1244
2630	8.0	9 55.47	4.1372	0.0131	39 12 50.9	4.347	0.591	80.0	76 80 122 134	39 1245
2631	8.6	5 9 55.55	+4.0733	+0.0124	+37 29 12.6	+4.347	−0.582	81.1	383 395	37 1129
2632	8.0	9 55.65	4.0378	0.0120	36 29 39.1	4.347	0.577	81.1	369 388	36 1073
2633	8.8	10 5.03	4.1318	0.0130	39 3 56.7	4.333	0.590	80.1	138 144	39 1246
2634	8.9	10 5.32	4.1133	0.0128	38 34 23.3	4.333	0.588	85.1	393 401 651	38 1108
2635	9.0	10 5.60	4.0782	0.0124	37 37 5.7	4.333	0.583	85.1	372 398 599	37 1130
2636	9.0	5 10 18.90	+4.1250	+0.0129	+38 52 41.7	+4.314	−0.589	87.1	372 398 599 M 276	38 1109
2637	5.3	10 21.63	4.1672	0.0134	39 58 58.0	4.310	0.595	89.6[5]	11 Beob. [6]	39 1248
2638	8.6	10 22.67	4.0436	0.0120	36 38 45.2	4.308	0.578	81.2	400 403	36 1076
2639	8.5	10 26.89	4.1206	0.0128	38 45 32.2	4.302	0.589	81.9	491 496	38 1112
2640	8.9	10 27.70	4.0582	0.0121	37 3 12.3	4.301	0.580	81.1	383 395	37 1134
2641	8.9	5 10 28.59	+3.9922	+0.0115	+35 9 50.6	+4.300	−0.571	80.0	101 104	35 1043
2642	7.8	10 33.24	4.0232	0.0118	36 3 40.4	4.293	0.575	81.2	400 403	36 1078
2643	8.2	10 33.64	4.1281	0.0129	38 57 17.7	4.293	0.590	81.1	369 388	38 1113
2644	8.0	10 34.31	4.1466	0.0131	39 26 31.3	4.292	0.593	79.9	76 80	39 1251
2645	8.5	10 34.94	4.0117	0.0116	35 43 40.5	4.291	0.573	80.0	82 114	35 1044
2646	8.6	5 10 36.92	+4.0627	+0.0122	+37 10 27.2	+4.288	−0.581	88.3	5 Beob. [7]	37 1136
2647	8.9	10 45.62	4.0621	0.0121	37 9 17.6	4.276	0.581	85.1	372 389 599	37 1139
2648	8.7	10 48.29	4.0094	0.0116	35 39 24.2	4.272	0.573	80.6	118 145 375 378	35 1046
2649	8.6	10 58.11	4.0933	0.0124	38 0 27.1	4.258	0.585	81.1	383 395	37 1141
2650	9.1	11 12.85	4.0028	0.0114	35 27 15.6	4.237	0.572	81.0	375 378	35 1049

[1] Z. 76 80 643 645 646 [2] Dpl. austr. seq. [3] Z. 375 378 393 401 651 [4] Obl.
[5] E.B. +0".045 −0".66 (Porter) [6] Z. 632 637 643 645 646; M 64 65 66 280 282 283 [7] Z. 393 401 643 646 651

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2651	8.3	5^h 11^m $15^s.17$	$+4^s.0498$	$+0^s.0119$	+36° 47' 56".6	+4".234	−0".579	81.1	369 388	36° 1082
2652	8.9	11 17.09	4.1399	0.0128	39 14 54.7	4.231	0.592	80.1	122 134	39 1254
2653	8.9	11 22.76	4.0252	0.0116	36 5 46.5	4.223	0.576	81.2	400[1] 403	36 1083
2654	7.2	11 24.23	4.1557	0.0130	39 39 29.0	4.221	0.594	80.1	138 144	39 1255
2655	7.2	11 28.09	4.1386	0.0128	39 12 34.9	4.215	0.592	80.1	122 134	39 1257
2656	8.4	5 11 33.15	+4.0853	+0.0122	+37 46 33.9	+4.208	−0.584	88.2	5 Beob.[2]	37 1143
2657	8.6	11 36.28	4.1473	0.0129	39 26 3.1	4.203	0.593	79.9	76 80	39 1259
2658	8.1	11 36.35	4.0673	0.0120	37 16 38.7	4.203	0.582	81.1	383 395	37 1144
2659	8.9	11 38.34	3.9849	0.0112	34 55 14.5	4.200	0.570	80.0	82 114	34 1001
2660	7.7	11 45.56	4.0412	0.0117	36 32 30.6	4.190	0.578	85.1	393 401 651	36 1086
2661	7.2	5 11 46.25	+4.0101	+0.0114	+35 39 12.5	+4.189	−0.574	80.0	101 104	35 1054
2662	8.9	11 55.18[3]	4.0109	0.0113	35 40 14.4[3]	4.176	0.574	91.3	6 Beob.[3]	35 1057
2663	7.9	12 7.34	4.0400	0.0116	36 30 1.7	4.159	0.578	81.0	375 378	36 1090
2664	9.1	12 9.38	4.0989	0.0122	38 7 52.4	4.156	0.587	81.9	491 496	38 1126
2665	6.8	12 13.71	4.0690	0.0119	37 18 26.2	4.150	0.582	87.1	369 388; M 276 277	37 1146
2666	9.0	5 12 17.97	+3.9916	+0.0111	+35 6 3.6	+4.144	−0.571	80.1	118 145	35 1063
2667	7.9	12 22.02	4.1503	0.0127	39 29 30.8	4.138	0.594	80.1	122 134	39 1262
2668	8.7	12 33.27	4.0708	0.0118	37 20 56.3	4.122	0.583	81.1	383 395	37 1150
2669	8.8	12 35.76	4.1542	0.0127	39 35 16.4	4.119	0.595	87.5 86.6	138 144[4] 632 637	39 1266
2670	8.7	12 37.78	4.1530	0.0127	39 33 23.4	4.116	0.595	81.3	144 491 496	39 1267
2671	8.6	5 12 38.41	+4.0946	+0.0121	+37 59 59.5	+4.115	−0.586	85.1	372 398 599	37 1151
2672	8.6	13 6.55	4.1541	0.0126	39 34 17.4	4.075	0.595	89.9	138 643 645 646	39 1271
2673	8.9	13 10.62	3.9950	0.0109	35 10 37.1	4.069	0.572	85.9	82 114 643(½) 646	35 1072
2674	8.9	13 11.90	4.1778	0.0128	40 10 45.1	4.067	0.598	79.9	76 80	40 1262
2675	7.2	13 15.83	4.1494	0.0125	39 26 43.6	4.061	0.594	80.1	122 134	39 1272
2676	8.7	5 13 27.43	+4.1473	+0.0124	+39 23 7.4	+4.045	−0.594	86.5	76 80 632 637	39 1274
2677	9.0	13 29.21	4.0375	0.0113	36 23 39.8	4.042	0.578	80.1	118 145	36 1099
2678	9.0	13 35.51	4.1281	0.0122	38 52 31.9	4.033	0.591	80.1	138 144	38 1131
2679	8.3	13 37.60	4.0083	0.0110	35 33 20.5	4.030	0.575	80.0	82 114	35 1076
2680	7.4	13 47.87	4.0265	0.0111	36 4 24.2	4.016	0.577	80.0	101 104	36 1100
2681	9.0	5 13 47.89	+4.0564	+0.0114	+36 55 12.1	+4.016	−0.581	81.1	383 395	36 1101
2682	7.4	14 4.57	4.0794	0.0116	37 33 0.4	3.992	0.585	85.1	372 398 599	37 1160
2683	9.2	14 10.72	4.0304	0.0111	36 10 29.5	3.983	0.578	81.0	375 378	36 1102
2684	8.6	14 11.51	4.0391	0.0111	36 25 23.5	3.982	0.579	80.1	118 145	36 1104
2685	8.8	14 13.87	4.0331	0.0111	36 15 1.2	3.979	0.578	81.0	375 378	36 1103
2686	8.5	5 14 16.07	+4.0692	+0.0114	+37 15 48.8	+3.975	−0.583	81.9	491 496	37 1161
2687	8.6	14 25.15	4.1401	0.0121	39 10 24.2	3.962	0.594	80.1	122 134	39 1278
2688	8.0	14 38.96	4.0091	0.0108	35 33 15.8	3.943	0.575	80.0	82 114	35 1081
2689	8.8	14 45.46	4.1735	0.0124	40 1 49.4	3.933	0.599	79.9	76 80	40 1273
2690	9.1	14 47.94	4.1311	0.0119	38 55 33.5	3.930	0.592	81.9	491 496	38 1137
2691	8.5	5 14 48.10	+4.0103	+0.0107	+35 35 7.1	+3.929	−0.575	80.0	101 104	35 1083
2692	8.9	15 13.38	4.1693	0.0122	39 54 39.9	3.893	0.598	80.1	138 144	39 1284
2693	8.2	15 14.10	4.0630	0.0111	37 4 4.3	3.892	0.583	81.0	375 378	37 1169
2694	8.7	15 15.27	4.1721	0.0122	39 58 59.0	3.891	0.599	80.1	122 134	39 1287
2695	8.7	15 15.43	4.0480	0.0110	36 38 54.2	3.890	0.581	80.1	118 145	36 1112
2696	8.8	5 15 19.68	+4.1071	+0.0116	+38 16 25.8	+3.884	−0.589	81.1	383 395	38 1142
2697	6.8	15 26.08	4.0350	0.0108	36 16 37.2	3.875	0.579	80.0	82 101 103 114	36 1113
2698	8.3	15 30.58	4.1439	0.0119	39 14 41.0	3.869	0.596	81.3	144 491 496	39 1289
2699	8.7	15 33.43	4.1138	0.0116	38 26 49.3	3.865	0.590	88.2	5 Beob.[5]	38 1144
2700	8.6	15 38.94	4.1547	0.0120	39 31 24.7	3.857	0.596	79.9	76 80	39 1290

[1] Dpl. med. [2] Z. 372 398 599 632 637 [3] Z. 101 643 645[55s.20 6".5] 646; M 325 326 [4] α Gew. ½
[5] Z. 372 398 599 632 637

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2701	8.8	5h 15m 41s.88	+4s.1427	+0s.0118	+39° 12' 32".9	+3".853	−0".595	88.7	138 632 637	39° 1291
2702	9.1	16 1.46	4.1279	0.0116	38 48 37.6	3.825	0.593	81.1	383 395	38 1146
2703	9.0[1]	16 3.26	4.1590	0.0119	39 37 35.6	3.822	0.597	81.9	491 496	39 1294
2704	8.0	16 3.86	4.0809	0.0111	37 32 35.3	3.821	0.586	81.1	383 395	37 1174
2705	*5.3	16 9.55	4.0709	0.0110	37 15 57.8	3.813	0.585	80.2	M 64 65 66 67	37 1175
2706	6.9	5 16 20.50	+4.0289	+0.0106	+36 4 52.9	+3.797	−0.579	80.1	118 145	36 1122
2707	8.8	16 21.25	4.1077	0.0113	38 15 53.7	3.796	0.590	80.1	138 144	38 1150
2708	8.4	16 27.76	4.0755	0.0110	37 23 5.2	3.787	0.585	85.1	372 398 599	37 1177
2709	8.8	16 28.62	4.0666	0.0109	37 8 17.4	3.786	0.584	81.0	375 378	37 1178
2710	8.8	16 29.55	4.0169	0.0105	35 44 11.6	3.784	0.577	80.0	101 104	35 1091
2711	8.8	5 16 31.56	+4.1362	+0.0116	+39 1 5.0	+3.781	−0.594	79.9	76 80	38 1151
2712	8.5	17 1.19	4.0025	0.0102	35 18 25.1	3.739	0.575	80.0	82 114	35 1093
2713	8.2[2]	17 5.88	4.0959	0.0111	37 55 42.6	3.732	0.589	81.1	383 395	37 1182
2714	9.0	17 12.51	4.0070	0.0102	35 25 58.6	3.723	0.576	80.1	118 145	35 1094
2715	8.8	17 13.48	4.1151	0.0112	38 26 34.3	3.721	0.591	80.1	122 134	38 1155
2716	8.9	5 17 20.23	+4.0929	+0.0110	+37 50 32.5	+3.712	−0.588	81.0	375 378	37 1184
2717	8.3	17 22.79	4.0105	0.0102	35 31 52.1	3.708	0.576	80.0	101 104	35 1095
2718	9.0[3]	17 29.12	4.1803	0.0118	40 8 23.2	3.699	0.601	86.5	76 80 632 637	40 1285
2719	8.9	17 32.56	4.1258	0.0112	38 43 17.4	3.694	0.593	81.9	491 496	38 1157
2720	8.8	17 36.03	4.0712	0.0107	37 14 31.3	3.689	0.585	80.1	118 145	37 1186
2721	8.4	5 17 44.54	+4.1569	+0.0115	+39 31 55.7	+3.677	−0.598	80.1	122 134	39 1299
2722	8.3	18 7.55	4.1310	0.0112	38 50 39.4	3.644	0.594	81.9	491 496	38 1159
2723	9.2	18 14.24	4.1491	0.0113	39 19 4.4	3.634	0.597	80.1	138 144	39 1302
2724	9.3[4]	18 17.08	4.0026	0.0100	35 16 59.9	3.630	0.576	80.0	82 114	35 1100
2725	6.6	18 33.20	4.0050	0.0099	35 20 42.1	3.607	0.576	80.0	82 114	35 1102
2726	8.8	5 18 42.56	+4.0417	+0.0102	+36 23 27.4	+3.594	−0.581	87.8	5 Beob.[5]	36 1140
2727	var.[6]	18 51.85	3.9608	0.0094	34 2 16.8	3.580	0.570	87.8	11 Beob.[7]	[*34 1044*]
2728	9.0	18 56.14	4.1736	0.0114	39 56 1.2	3.574	0.601	86.5	76 80; M 276 277	39 1304
2729	9.0	19 0.47	4.0538	0.0103	36 43 28.7	3.568	0.583	80.1	118 145	36 1141
2730	8.6	19 9.50	4.1399	0.0110	39 3 28.6	3.555	0.596	84.3	122 134 M 276	39 1305
2731	8.3	5 19 12.25	+4.0858	+0.0105	+37 36 25.6	+3.551	−0.588	80.1	138 144	37 1196
2732	9.1	19 22.24	4.0436	0.0101	36 25 53.3	3.537	0.582	81.0	375 378	36 1144
2733	8.5	19 29.16	4.1410	0.0109	39 4 41.4	3.527	0.596	79.9	76 80	39 1308
2734	8.9	19 34.00	4.1000	0.0105	37 59 9.5	3.520	0.590	93.1	632 637	37 1199
2735	9.2	19 34.59	4.0635	0.0102	36 59 1.0	3.519	0.585	81.9	491 496	[36 1145]
2736	8.9	5 19 38.82	+4.0605	+0.0102	+36 54 0.1	+3.513	−0.585	80.1	118 145	36 1147
2737	8.3	19 44.97	4.1073	0.0106	38 10 39.0	3.504	0.591	80.1	138 144	38 1165
2738	8.2	19 45.24	4.0686	0.0102	37 7 16.7	3.504	0.586	81.1	383 395	37 1200
2739	8.8	19 48.30	4.0072	0.0097	35 23 2.4	3.499	0.577	80.0	101 104	35 1113
2740	8.9	20 2.59	4.0519	0.0100	36 39 6.7	3.479	0.583	81.0	375 378	36 1149
2741	8.9	5 20 17.61	+4.1626	+0.0109	+39 37 22.2	+3.457	−0.599	80.1	122 134	39 1311
2742	8.8	20 23.07	3.9913	0.0094	34 54 23.7	3.449	0.575	80.0	82 114	34 1059
2743	8.5	20 29.19	4.0890	0.0102	37 40 3.3	3.441	0.589	81.1	369 388	37 1202
2744	9.0[8]	20 36.47	4.1271	0.0105	38 41 14.6	3.430	0.595	87.1	372 398 599 637[8]	38 1170
2745	8.9	20 37.88	4.1015	0.0103	38 0 7.7	3.428	0.591	81.1	383 395	37 1203
2746	8.8	5 20 41.21	+4.1482	+0.0107	+39 14 22.2	+3.423	−0.598	79.9	76 80	39 1313
2747	8.4	20 43.99	4.1236	0.0105	38 35 32.6	3.419	0.594	89.2	393 401 651	38 1173
2748	8.8	20 53.22	4.0504	0.0098	36 35 23.5	3.406	0.584	81.0	375 378	36 1152
2749	8.9	20 53.94	4.1281	0.0105	38 42 26.5	3.405	0.595	81.1	383 395	38 1176
2750	9.0	20 54.80	4.1226	0.0104	38 33 42.8	3.404	0.594	85.2	393 401 651	38 1175

[1] Dpl. med. [2] Dpl. austr. seq. [3] 9.1 [6.7] 9.0 8.8; BD 8.9 [4] Dpl. austr. praec.
[5] Z. 101 104 643 645 646 [6] S Aurigae; Schätz. 10.0 9.7 9.7 — 9.3 8.7 9.5 8.8 8.8 8.7 8.6
[7] Z. 632 637 643 646 651; M 167 168 169 170 227 266 [8] Dpl. austr. praec.; Com. Z. 632 9m.1 36s.86 30".6

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2751	8.8	5h 20m 57.s58	+4.s1507	+0.s0107	+39° 18′ 5.″2	+3.″400	−0.″598	80.1	122 134	39° 1314
2752	8.4	20 59.74	4.0219	0.0096	35 46 55.5	3.397	0.580	80.0	101 104	35 1133
2753	9.2	21 1.81	4.1662	0.0108	39 41 57.4	3.394	0.600	84.4	138 144 646	39 1315
2754	8.9	21 4.21	4.1322	0.0105	38 48 47.4	3.390	0.595	85.1	372 398 599	38 1178
2755	8.3	21 12.88	4.0956	0.0101	37 49 48.7	3.378	0.590	81.1	369 388	37 1205
2756	9.0	5 21 14.91	+4.1604	+0.0107	+39 32 44.1	+3.375	−0.600	81.9	491 496	39 1316
2757	8.7	21 16.39	4.1357	0.0105	38 54 8.0	3.373	0.596	85.1	372 398 599	38 1181
2758	7.3	21 21.47	4.0044	0.0094	35 16 15.7	3.365	0.577	80.1	118 145	35 1137
2759	6.9	21 23.56	3.9953	0.0093	35 0 18.5	3.362	0.576	87.8	5 Beob. [1]	34 1064
2760	8.5	21 33.87	4.0248	0.0095	35 51 5.0	3.348	0.580	80.0	101 104	35 1139
2761	8.4	5 21 36.94	+4.0854	+0.0100	+37 32 40.8	+3.343	−0.589	81.1	369 388	37 1208
2762	9.0	21 36.99	4.1134	0.0102	38 18 3.9	3.343	0.593	81.1	383 395	38 1182
2763	8.6	21 37.41	4.1099	0.0102	38 12 30.9	3.342	0.592	81.9	491 496	38 1183
2764	8.8	21 38.69	3.9987	0.0092	35 5 57.6	3.341	0.577	87.5 86.5	82 114[2] 632 637	35 1141
2765	8.5	21 41.31	4.0739	0.0098	37 13 41.3	3.337	0.587	85.1	393 401 651	37 1210
2766	8.6	5 21 46.79	+4.0657	+0.0098	+36 59 55.4	+3.329	−0.586	81.0	375 378	36 1161
2767	8.7	21 50.84	4.0065	0.0093	35 19 13.0	3.323	0.578	80.1	118 145	35 1143
2768	8.0	21 56.67	4.1680	0.0106	39 43 37.5	3.315	0.601	79.9	76 80	39 1321
2769	6.3	22 3.20	4.1680	0.0106	39 43 32.1	3.305	0.601	80.1	122 134	39 1322
2770	8.5	22 16.66	4.0920	0.0099	37 42 39.4	3.286	0.590	81.9	491 496	37 1214
2771	7.3	5 22 19.92	+4.1763	+0.0105	+39 55 51.3	+3.281	−0.602	80.1	138 144	39 1326
2772	8.9	22 29.30	4.1331	0.0102	38 48 13.7	3.268	0.596	79.9	76 80	38 1189
2773	8.8	22 31.22	4.1199	0.0100	38 27 28.5	3.265	0.594	80.1	138 144	38 1190
2774	8.6	22 35.63	4.0353	0.0093	36 7 51.9	3.259	0.582	86.5 87.6	118[3] 145 632 637	36 1165
2775	7.2	22 52.17	4.1114	0.0099	38 13 18.6	3.235	0.593	80.1	122 134	38 1193
2776	7.2	5 22 57.23	+4.0551	+0.0094	+36 40 47.3	+3.228	−0.585	81.0	375 378	36 1167
2777	8.4	23 13.92	3.9940	0.0089	34 55 51.3	3.204	0.576	80.0	82 114	34 1076
2778	8.2	23 21.63	4.0100	0.0090	35 23 34.7	3.193	0.579	80.0	101 104	35 1151
2779	9.0	23 26.55	4.0551	0.0093	36 40 20.7	3.185	0.585	81.0	375 378	36 1168
2780	9.1	23 29.95	4.0775	0.0095	37 17 25.2	3.181	0.588	81.9	491 496	37 1218
2781	8.0	5 23 36.89	+4.1031	+0.0097	+37 59 4.8	+3.171	−0.592	80.1	138 144	37 1219
2782	8.7	23 44.97	4.0281	0.0090	35 54 16.2	3.159	0.581	80.0	82 114	35 1156
2783	8.5	23 54.85	4.0154	0.0089	35 32 11.2	3.145	0.580	80.1	118 145	35 1158
2784	8.5	23 55.92	4.0758	0.0094	37 14 4.7	3.143	0.588	81.1	383 395	37 1221
2785	8.3	23 59.77	4.1019	0.0096	37 56 42.9	3.138	0.592	80.1	122 134	37 1222
2786	8.6	5 24 3.71	+4.0122	+0.0089	+35 26 35.2	+3.132	−0.579	80.0	101 104	35 1159
2787	8.2	24 3.89	4.1599	0.0100	39 28 34.4	3.132	0.600	79.9	76 80	39 1330
2788	8.7	24 9.83	4.0324	0.0090	36 1 6.5	3.123	0.582	81.0	375 378	36 1171
2789	8.7	24 15.25	4.1016	0.0095	37 56 2.4	3.115	0.592	85.1	372 398 599	37 1224
2790	8.5	24 27.35	4.0576	0.0091	36 43 15.3	3.098	0.586	80.1	118 145	36 1173
2791	6.9	5 24 27.46	+4.0400	+0.0090	+36 13 37.3	+3.098	−0.583	80.0	82 114	36 1174
2792	9.0	24 33.81	4.1575	0.0099	39 24 21.2	3.088	0.600	93.1	632 637	39 1334
2793	8.5	24 35.28	4.0796	0.0092	37 19 37.4	3.086	0.589	81.1	383 395	37 1225
2794	8.1	24 37.13	4.1580	0.0099	39 24 59.2	3.084	0.601	80.0	76 80 122 134	39 1335
2795	8.5	24 50.00	4.1304	0.0096	38 41 25.9	3.065	0.597	81.9	491 496	38 1204
2796	9.1	5 25 1.32	+4.0841	+0.0092	+37 26 33.7	+3.049	−0.590	80.1	118 145	37 1226
2797	8.3	25 7.47	4.1341	0.0096	38 46 59.8	3.040	0.598	81.1	383 395	38 1205
2798	8.5	25 10.63	4.1546	0.0097	39 18 57.5	3.036	0.600	80.1	138 144	39 1337
2799	8.4	25 14.92	4.0455	0.0088	36 22 3.5	3.029	0.584	80.0	101 104	36 1177
2800	8.8[4]	25 58.30	4.0232	0.0086	35 43 23.9	2.967	0.582	80.0	82 114	35 1169

[1] Z. 82 114 643 645 646 [2] α Gew. ½ [3] δ Gew. ½ [4] Dpl. austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec	Ep.	Zonen	B.D.
2801	9.1	5h 26m 0s.03	+4s.1204	+0s.0092	+38° 24' 11".9	+2".964	−0".596	87.5	491 496 632 637	38° 1211
2802	8.7	26 4.98	4.0093	0.0085	35 19 22.5	2.957	0.580	80.0	101 104	35 1170
2803	9.1	26 9.23	4.1471	0.0094	39 6 17.2	2.951	0.600	80.1	122 134	39 1341
2804	8.9	26 17.50	4.1485	0.0094	39 8 18.3	2.939	0.600	80.1	122 134	39 1342
2805	8.4	26 23.66	4.1650	0.0095	39 33 48.4	2.930	0.602	80.1	138 144	39 1344
2806	8.7	5 26 25.67	+4.1729	+0.0095	+39 45 54.6	+2.927	−0.603	80.1	138 144	39 1347
2807	9.0	26 32.68	4.1833	0.0096	40 1 41.6	2.917	0.605	79.9	76 80	40 1339
2808	8.8	26 33.00	4.0749	0.0088	37 9 44.1	2.917	0.589	80.1	118 145	37 1238
2809	7.9	26 55.02	4.0991	0.0089	37 48 55.3	2.885	0.593	85.2	393 401 651	37 1242
2810	8.2	27 0.45	4.1035	0.0089	37 55 57.8	2.877	0.594	85.1	372[1] 398 599	37 1244
2811	8.8	5 27 6.92	+4.1154	+0.0089	+38 14 57.7	+2.868	−0.595	81.1	383 395	38 1214
2812	8.9	27 14.39	4.0233	0.0083	35 42 19.2	2.857	0.582	80.0	101 104	35 1174
2813	8.5	27 15.17	3.9979	0.0081	34 58 23.7	2.856	0.578	80.0	82 114	34 1096
2814	8.9	27 18.33	4.1415	0.0091	38 56 17.9	2.851	0.599	88.3	5 Beob.[2]	38 1216
2815	8.5	27 23.64	4.0677	0.0085	36 56 59.9	2.844	0.589	81.0	375 378	36 1191
2816	8.5	5 27 25.07	+4.0347	+0.0083	+36 1 34.9	+2.842	−0.584	80.1	118 145	36 1192
2817	8.7	27 28.06	4.1862	0.0094	40 5 10.3	2.837	0.606	79.9	76 80	40 1343
2818	8.5	27 33.11	4.0136	0.0081	35 25 20.4	2.830	0.581	80.0	101 104	35 1179
2819	9.0	27 38.86	4.0329	0.0083	35 58 12.8	2.822	0.594	80.0	82 114 118	35 1180
2820	9.2	27 39.27	4.1112	0.0088	38 7 48.0	2.821	0.595	81.9	491 496	38 1217
2821	8.7	5 27 41.63	+4.0539	+0.0084	+36 33 35.3	+2.818	−0.587	89.1	383 632 637	36 1194
2822	7.9	27 42.17	4.1422	0.0090	38 56 53.8	2.817	0.600	80.1	138 144	38 1218
2823	8.1	27 44.26	4.0397	0.0083	36 9 43.3	2.814	0.585	81.0	375 378	36 1196
2824	8.7	27 44.57	4.0531	0.0084	36 32 18.7	2.813	0.587	90.2	395 646 654 657	36 1195
2825	9.0	27 58.58	4.0453	0.0083	36 18 46.3	2.793	0.585	85.0	372 398 599	36 1198
2826	8.8	5 28 4.54	+4.1255	+0.0088	+38 30 8.1	+2.785	−0.597	81.9	491 496	38 1222
2827	9.0	28 6.92	4.1731	0.0092	39 44 29.8	2.781	0.604	80.1	122 134	39 1358
2828	8.5	28 7.53	4.0938	0.0086	37 38 59.7	2.780	0.592	89.1	6 Beob.[3]	37 1247
2829	6.7	28 8.50	4.1872	0.0093	40 5 57.0	2.779	0.606	86.6	76 80; M 279 280	40 1346
2830	8.2	28 14.93	4.0722	0.0084	37 3 33.1	2.769	0.589	85.1	393 401 651	37 1249
2831	8.5	5 28 16.59	+4.0969	+0.0086	+37 43 55.7	+2.767	−0.593	81.1	383 395	37 1250
2832	7.4	28 18.39	4.1165	0.0087	38 15 36.3	2.765	0.596	80.1	138 144	38 1226
2833	9.0	28 18.47	4.0356	0.0081	36 2 12.5	2.764	0.584	88.7	145 632 637	36 1200
2834	8.1	28 35.00	4.0689	0.0083	36 57 49.5	2.741	0.589	80.0	82 114	36 1202
2835	8.4	28 37.18	4.1418	0.0088	38 55 18.8	2.737	0.600	80.1	122 134	38 1228
2836	8.8	5 28 41.77	+4.1062	+0.0085	+37 58 33.6	+2.731	−0.594	81.9	491 496	37 1252
2837	8.6	28 58.31	4.1824	0.0090	39 57 54.7	2.707	0.606	79.9	76 80	[39 1364]
2838	8.4	29 3.60	4.0707	0.0082	37 0 17.3	2.699	0.590	80.0	101 104	36 1204
2839	8.8	29 10.93	4.1013	0.0084	37 50 11.4	2.689	0.594	81.0	375 378	37 1255
2840	7.2	29 35.00	4.0184	0.0078	35 31 31.1	2.654	0.582	80.0	101 104	35 1188
2841	8.7	5 29 35.52	+4.1498	+0.0086	+39 6 52.0	+2.653	−0.601	87.8	5 Beob.[4]	39 1365
2842	8.3	29 39.44	4.1274	0.0085	38 31 40.5	2.647	0.598	80.1	138 144	38 1235
2843	7.3	29 43.50	4.0953	0.0082	37 39 57.6	2.641	0.593	81.1	383 395	37 1262
2844	9.0	29 48.92	4.0316	0.0078	35 53 56.2	2.634	0.584	88.7	145 626 633	35 1190
2845	8.7	29 51.01	3.9990	0.0076	34 57 48.2	2.631	0.579	80.0	82 114	34 1121
2846	8.5	5 29 55.54	+4.1790	+0.0088	+39 51 45.8	+2.624	−0.605	80.1	122 134	39 1367
2847	8.6	29 57.75	4.0979	0.0082	37 44 0.9	2.621	0.594	81.5	383 395 491 496	37 1265
2848	8.1	29 58.65	4.0310	0.0078	35 52 45.4	2.620	0.584	80.1	118 145	35 1191
2849	9.2	30 24.01	4.0383	0.0077	36 4 42.5	2.583	0.585	81.0	375 378	36 1215
2850	8.2	30 25.48	4.0956	0.0081	37 39 44.0	2.581	0.594	85.4	370 500 657	37 1270

[1] Obl.? [2] Z. 393 401 632 637 651 [3] Z. 372 398 599 646 654 657 [4] Z. 76 80 646 654 657

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
2851	7.3	5h 30m 30s.82	+4s.1044	+0s.0082	+37° 54′ 1″.1	+2″.573	−0″.595	85.1	372 398 599	37° 1271
2852	8.4	30 32.01	4.0007	0.0075	35 0 5.9	2.571	0.580	80.0	101 104	34 1126
2853	8.5	30 32.45	3.9968	0.0075	34 53 21.4	2.571	0.579	80.0	82 114	34 1125
2854	8.4	30 38.66	4.1260	0.0082	38 28 26.7	2.562	0.598	81.0	360 365	38 1239
2855	8.2	30 49.19	4.1245	0.0082	38 25 54.5	2.547	0.598	85.2	404 501 654	38 1241
2856	8.4	5 30 57.05	+4.0206	+0.0075	+35 33 59.6	+2.535	−0.583	81.0	375 378	35 1195
2857	7.0	31 3.23	4.1053	0.0080	37 54 50.4	2.526	0.595	84.0	370 372 398 599	37 1275
2858	8.8	31 8.87	4.0751	0.0078	37 5 35.8	2.518	0.591	80.1	118 145	37 1276
2859	8.0	31 18.04	4.1778	0.0084	39 48 36.0	2.505	0.606	79.9	88 97	39 1373
2860	7.6	31 20.85	4.1043	0.0079	37 53 3.5	2.501	0.595	90.4	500 626 633 657	37 1277
2861	8.3	5 31 25.52	+4.0214	+0.0074	+35 34 58.1	+2.494	−0.582	80.0	101 104	35 1196
2862	8.8	31 28.06	4.1804	0.0084	39 52 22.9	2.490	0.606	80.1	126 141 152	39 1375
2863	8.2	31 39.56	4.0339	0.0074	35 56 10.6	2.474	0.585	80.0	82 114	35 1197
2864	8.7	31 48.26	4.0968	0.0078	37 40 30.7	2.461	0.594	81.0	375 378	37 1278
2865	7.8	31 49.58	4.1763	0.0083	39 45 50.2	2.459	0.606	80.1	126 141 152	39 1377
2866	8.4	5 31 55.95	+4.0945	+0.0077	+37 36 33.5	+2.450	−0.594	90.2	404 626 633 654	37 1281
2867	8.4	32 16.78	4.0819	0.0076	37 15 40.4	2.420	0.592	80.0	101 104	37 1282
2868	8.5	32 20.67	4.1464	0.0080	38 58 59.9	2.414	0.602	81.3	360 365 501	38 1247
2869	8.0	32 23.57	4.1259	0.0078	38 26 44.3	2.410	0.599	81.1	383 395	38 1248
2870	8.1	32 24.71	4.1689	0.0081	39 33 56.6	2.408	0.605	80.1	126 141 152	39 1379
2871	8.5	5 32 26.17	+4.1897	+0.0082	+40 6 7.7	+2.406	−0.608	79.9	88 97	40 1371
2872	8.3	32 45.43	4.1818	0.0081	39 53 26.0	2.378	0.607	79.9	88 97	39 1380
2873	8.3	32 46.48	4.1411	0.0078	38 50 21.0	2.377	0.601	81.0	360 365	38 1249
2874	8.3	32 56.49	4.1140	0.0076	38 7 10.0	2.362	0.597	85.4	370 500 657	38 1250
2875	8.5	33 2.16	4.1468	0.0078	38 58 56.8	2.354	0.602	90.2	404 626 633 654	38 1251
2876	8.8	5 33 5.07	+4.0504	+0.0072	+36 22 43.9	+2.350	−0.588	80.0	82 114	36 1229
2877	8.1	33 23.79	4.0747	0.0073	37 2 54.8	2.323	0.591	81.0	375 378	37 1287
2878	9.1	33 24.08	4.0778	0.0073	37 8 1.7	2.322	0.592	80.1	118 145	37 1286
2879	6.6	33 33.86	4.0217	0.0070	35 33 49.8	2.308	0.584	80.0	82 114	35 1207
2880	8.0	33 42.95	4.1764	0.0078	39 44 14.1	2.295	0.606	79.9	88 97	39 1387
2881	8.1	5 33 44.15	+4.1149	+0.0074	+38 7 52.5	+2.293	−0.597	80.6	5 Beob. [1]	38 1258
2882	9.2	33 47.06	4.1482	0.0076	39 0 38.5	2.289	0.602	81.0	360 365	38 1259
2883	8.2	34 5.59	4.0422	0.0070	36 8 4.4	2.262	0.587	80.0	101 104	36 1233
2884	7.2	34 12.73	4.1152	0.0073	38 7 58.7	2.252	0.597	93.1	626 633 657	38 1261
2885	8.4	34 16.06	4.0405	0.0069	36 5 4.9	2.247	0.587	81.0	375 378	36 1236
2886	8.7	5 34 16.62	+4.1072	+0.0073	+37 55 9.6	+2.246	−0.596	85.4	404 501 654	37 1292
2887	9.0	34 18.01	4.0067	0.0068	35 7 16.8	2.244	0.582	80.1	118 145	35 1208
2888	8.6	34 29.06	4.0135	0.0068	35 18 55.5	2.228	0.583	80.0	101 104	35 1210
2889	8.4	34 34.10	4.1836	0.0076	39 54 31.8	2.221	0.607	86.5	88 97 626 633	39 1388
2890	8.3	34 47.66	4.0085	0.0067	35 10 2.6	2.201	0.582	80.1	118 145	35 1212
2891	8.8	5 34 53.04	+3.9996	+0.0066	+34 54 28.1	+2.193	−0.581	80.0	82 114	34 1152
2892	8.6	34 55.37	4.1113	0.0071	38 1 12.1	2.190	0.597	88.5	5 Beob. [2]	38 1267
2893	8.0	34 56.59	4.1215	0.0072	38 17 30.1	2.188	0.598	81.0	360 365	38 1266
2894	8.8	35 5.31	4.0497	0.0068	36 19 55.5	2.176	0.588	81.0	375 378	36 1239
2895	8.4	35 16.36	4.1622	0.0073	39 21 7.6	2.160	0.604	80.1	126 141 152	39 1391
2896	8.7	5 35 28.41	+4.1179	+0.0071	+38 11 18.7	+2.142	−0.598	88.3	5 Beob. [3]	38 1269
2897	9.1	35 39.84	4.1186	0.0070	38 12 24.4	2.126	0.598	81.6	404 501	38 1272
2898	9.0	35 47.55	4.1638	0.0072	39 23 9.7	2.114	0.605	86.6	88 97 646 652	39 1394
2899	8.7	35 50.16	4.0201	0.0065	35 29 8.5	2.111	0.584	80.0	82 114	35 1218
2900	8.9	36 19.21	4.1643	0.0071	39 23 35.1	2.068	0.605	80.1	126 141 152	39 1399

[1] Z. 126 141 152 370 500 [2] Z. 404 500 646 652 654 [3] Z. 360 365 626 633 654

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2901	8.5	$5^h\ 36^m\ 19^s.67$	$+4^s.0934$	$+0^s.0067$	$+37°\ 31'\ 10''.1$	$+2''.068$	$-0''.595$	80.0	101 104	37° 1306
2902	7.5	36 20.45	4.1279	0.0069	38 26 27.9	2.067	0.600	81.0	360 365	38 1277
2903	9.0	36 27.84	4.1134	0.0068	38 3 25.0	2.056	0.598	90.2	404 626 633 654	38 1278
2904	8.1	36 44.22	4.0073	0.0063	35 6 19.6	2.032	0.582	80.0	82 114	35 1223
2905	9.1	36 44.51	4.1461	0.0069	38 55 3.3	2.032	0.603	80.1	126 141 152	38 1280
2906	7.2	5 36 46.13	+4.0059	+0.0063	+35 4 4.4	+2.029	−0.582	80.0	101 104	35 1224
2907	8.3	36 53.41	4.0259	0.0063	35 38 17.3	2.019	0.585	80.1	118 145	35 1225
2908	8.9	37 0.53	4.0234	0.0063	35 34 0.2	2.009	0.583	81.0	375 378	35 1226
2909	7.3	37 15.39	4.0969	0.0065	37 36 12.2	1.987	0.595	85.4	370 501 657	37 1308
2910	8.4	37 21.88	4.1565	0.0068	39 10 44.3	1.978	0.604	79.9	88 97	39 1404
2911	8.4	5 37 22.22	+4.0885	+0.0065	+37 22 28.7	+1.977	−0.594	85.4	404 500 654	37 1310
2912	7.3	37 26.55	4.0838	0.0064	37 14 41.8	1.972	0.594	89.5[1]	7 Beob.[2]	37 1312
2913	8.7	37 27.77	4.0355	0.0062	35 54 12.2	1.969	0.587	80.0	82 114	35 1227
2914	7.7	37 34.12	4.1505	0.0068	39 1 16.1	1.960	0.603	79.9	88 97	39 1405
2915	8.9	37 42.01	4.1151	0.0065	38 5 14.7	1.948	0.598	80.1	126 141 152	38 1283
2916	9.4	5 37 46.95	+4.0007	+0.0060	+34 54 13.2	+1.941	−0.582	81.1	375 378 383 395	34 1166
2917	8.5	38 1.54	4.0231	0.0061	35 32 42.6	1.920	0.585	80.0	101 104	35 1229
2918	9.0	38 26.49	4.1185	0.0064	38 10 6.0	1.884	0.600	80.1	126 141 152	38 1286
2919	8.9	38 28.69	4.1135	0.0063	38 1 59.4	1.881	0.598	81.0	360 365	38 1287
2920	8.9	38 30.58	4.0406	0.0060	36 2 9.7	1.878	0.588	80.0	101 104	36 1255
2921	8.6	5 38 41.03	+4.1480	+0.0065	+38 56 28.8	+1.863	−0.603	79.9	88 97	38 1289
2922	8.5	38 51.46	4.0718	0.0061	36 54 3.4	1.848	0.592	81.0	375 378	36 1258
2923	9.1	38 54.22	4.1362	0.0064	38 37 53.8	1.843	0.601	81.0	360 365	38 1291
2924	8.3	38 55.98	4.0612	0.0060	36 36 21.3	1.841	0.591	81.1	383 395	36 1259
2925	8.8	38 59.41	4.1169	0.0062	38 7 16.7	1.836	0.599	85.4	404 501 654	38 1292
2926	8.7	5 39 18.49	+4.0222	+0.0058	+35 30 26.0	+1.808	−0.585	80.0	82 114	35 1233
2927	8.7	39 21.89	4.0073	0.0057	35 4 44.7	1.803	0.583	80.1	118 145	35 1235
2928	8.9	39 32.86	4.0113	0.0057	35 11 25.1	1.787	0.583	88.7	104 626 633	35 1238
2929	6.3	39 35.01	4.0085	0.0057	35 6 36.7	1.784	0.583	80.0	82 114	35 1239
2930	8.3	39 36.42	4.1114	0.0061	37 58 0.5	1.782	0.598	87.2	383 395 646 652	37 1326
2931	9.0	5 39 37.50	+4.1439	+0.0063	+38 49 29.4	+1.781	−0.603	85.4	404 500 654	38 1294
2932	9.0	39 51.48	4.0367	0.0057	35 54 36.4	1.760	0.587	80.1	118 145	35 1241
2933	8.7	39 52.94	4.1287	0.0061	38 25 20.7	1.758	0.601	88.5	5 Beob.[3]	38 1297
2934	9.0	39 55.91	4.0591	0.0058	36 32 11.3	1.754	0.591	81.0	375 378	36 1260
2935	8.7	40 3.70	4.0458	0.0057	36 9 51.0	1.742	0.589	81.1	383 395	36 1261
2936	8.5	5 40 4.04	+4.1845	+0.0063	+39 51 52.3	+1.742	−0.609	80.1	126 141 152	39 1415
2937	9.0	40 8.66	4.1484	0.0062	38 56 5.2	1.735	0.604	88.5	5 Beob.[3]	38 1298
2938	6.7	40 10.26	4.1697	0.0062	39 29 15.7	1.733	0.607	81.0	360 365	39 1416
2939	8.3	40 13.20	4.1946	0.0063	40 7 9.1	1.729	0.610	79.9	88 97	40 1418
2940	9.2	40 15.56	4.0103	0.0056	35 9 20.6	1.725	0.583	86.5	104 626	35 1244
2941	9.1	5 40 26.98	+4.1460	+0.0061	+38 52 13.3	+1.709	−0.603	88.5	5 Beob.[4]	38 1300
2942	8.8	40 28.13	4.1537	0.0061	39 4 11.1	1.707	0.604	79.9	88 97	39 1417
2943	•4.7	40 30.85	4.1562	0.0061	39 8 8.9	1.703	0.605	80.2	M 65 66 67 68	39 1418
2944	8.2	40 33.56	4.1248	0.0059	38 18 45.8	1.699	0.600	81.0	360 365	38 1301
2945	6.8	40 44.11	4.1394	0.0060	38 41 38.7	1.684	0.602	85.4	370 500 657	38 1303
2946	8.7	5 40 44.41	+4.0768	+0.0057	+37 1 3.9	+1.683	−0.593	81.1	383 395	37 1331
2947	8.3	40 59.71	4.0452	0.0055	36 8 21.0	1.661	0.589	80.1	118 145	36 1264
2948	8.5	40 59.75	4.0381	0.0055	35 56 19.1	1.661	0.588	80.0	82 114	35 1248
2949	8.8	41 3.84	4.0415	0.0055	36 2 4.6	1.655	0.588	81.0	375 378	36 1266
2950	7.9	41 4.01	4.1379	0.0058	38 39 11.8	1.655	0.602	85.4	404 501 654	38 1305

[1] E.B. $+0^s.042$ $-0''.52$ (Porter)
[2] Z. 118 145 626 633 646 652; M 266
[3] Z. 370 506 646 652 657
[4] Z. 404 500 626 633 654

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2951	8.6	5^h 41^m $5^s.13$	+4^s.1693	+0^s.0060	+39° 28′ 0″.3	+1″.653	−0″.607	80.1	126δ 141 152	39° 1420
2952	8.8	41 21.65	4.1720	0.0059	39 31 59.6	1.629	0.607	81.0	360 365	39 1421
2953	8.4	41 29.63	4.1928	0.0060	40 3 39.0	1.618	0.610	79.9	88 97	40 1424
2954	8.8	41 49.71	4.1723	0.0058	39 32 7.2	1.588	0.607	80.1	126δ 141 152	39 1423
2955	8.3	41 51.12	4.0926	0.0055	37 26 18.6	1.586	0.596	80.0	101 104	37 1333
2956	8.9	5 42 2.44	+4.0021	+0.0052	+34 54 4.4	+1.570	−0.583	88.7	114 626 633	34 1188
2957	8.9	42 13.03	4.0917	0.0054	37 24 34.5	1.555	0.596	80.1	118 145	37 1334
2958	8.9	42 20.41	4.0022	0.0051	34 54 7.1	1.544	0.583	80.0	82 114	34 1189
2959	5.5	42 30.99	4.0865	0.0053	37 16 1.0	1.529	0.595	87.0	6 Beob.[1]	37 1336
2960	8.5	42 35.95	4.0817	0.0053	37 8 4.1	1.521	0.594	80.1	118 145	37 1338
2961	**4.0**	**5 42 49.60**	**+4.1561**	**+0.0055**	**+39 6 33.2**	**+1.501**	**−0.605**		**Fund. Cat.**	**39 1429**
2962	9.3	43 3.80	4.0603	0.0051	36 32 26.0	1.481	0.591	80.0	101 104	36 1275
2963	8.6	43 10.35	4.1420	0.0054	38 44 22.5	1.471	0.603	80.1	126δ 141 152	38 1315
2964	8.6	43 14.56	4.1725	0.0055	39 31 37.5	1.465	0.607	79.9	88 97	39 1430
2965	9.0	43 17.67	4.1398	0.0053	38 40 56.3	1.461	0.603	81.0	360 365	38 1316
2966	7.3	5 43 25.79	+4.1066	+0.0052	+37 48 0.4	+1.449	−0.598	81.0	375 378	37 1340
2967	7.4	43 36.90	4.1339	0.0053	38 31 27.7	1.433	0.602	85.4	370 500 657	38 1318
2968	8.3[2]	43 45.31	4.1959	0.0054	40 6 58.1	1.420	0.611	79.9	88 97	40 1435
2969	5.7	43 57.79	4.1732	0.0053	39 32 22.6	1.402	0.608	81.0	360 365	39 1435
2970	8.5[3]	43 59.55	4.0506	0.0049	36 15 43.5	1.400	0.590	80.0	82 114	36 1276
2971	8.7	5 44 13.11	+4.1586	+0.0052	+39 9 46.1	+1.380	−0.606	85.4	404 501 654	39 1436
2972	8.6	44 19.15	4.1605	0.0052	39 12 38.6	1.371	0.606	80.1	126δ 141 152	39 1437
2973	8.6	44 41.49	4.1243	0.0050	38 15 39.8	1.339	0.601	85.4	370 500 657	38 1321
2974	9.1	44 47.88	4.1981	0.0052	40 9 43.2	1.329	0.612	79.9	88 97	40 1445
2975	7.2	44 57.72	4.0887	0.0048	37 18 13.7	1.315	0.596	80.1	118 145	37 1347
2976	8.2	5 44 59.29	+4.1554	+0.0050	+39 4 22.6	+1.313	−0.605	81.0	360 365	39 1440
2977	9.2	45 7.96	4.1657	0.0050	39 20 13.0	1.300	0.607	85.4	404 506 654	39 1441
2978	8.9	45 9.80	4.1140	0.0048	37 59 2.6	1.297	0.599	85.4	370 500 657	37 1349
2979	7.7	45 10.83	4.0451	0.0046	36 5 55.0	1.296	0.589	80.0	101 104	36 1282
2980	8.5	45 10.91	4.1604	0.0050	39 12 7.7	1.296	0.606	80.1	126δ 141 152	39 1442
2981	8.7	5 45 14.77	+4.0949	+0.0048	+37 28 15.1	+1.290	−0.597	81.1	383 395	37 1350
2982	9.5	45 25.39[4]	4.0649	0.0046	36 38 52.4	1.275	0.592	90.2 90.6	8 Beob.[4]	36 1283
2983	8.6	45 27.91	4.0188	0.0045	35 21 5.4	1.271	0.586	80.0	82 114	35 1268
2984	8.7	45 32.09	4.0165	0.0045	35 17 14.6	1.265	0.585	80.0	101 104	35 1270
2985	8.6	45 44.64	4.1363	0.0048	38 34 8.5	1.247	0.603	80.1	126δ 141 152	38 1325
2986	8.6	5 45 45.16	+4.1360	+0.0048	+38 33 44.2	+1.246	−0.603	80.6 80.4	5 Beob.[5]	38 1326
2987	8.9	45 54.97	4.0921	0.0046	37 23 22.0	1.232	0.596	85.4	404 501 654	37 1352
2988	8.4	45 57.49	4.0596	0.0045	36 29 54.1	1.228	0.592	81.1	383 395	36 1289
2989	8.4	45 57.70	4.1575	0.0048	39 7 12.3	1.228	0.606	79.9	88 97	39 1448
2990	8.5	45 59.66	4.0284	0.0044	35 37 21.4	1.225	0.587	80.1	118 145	35 1271
2991	8.8	5 46 11.60	+4.0048	+0.0043	+34 56 41.8	+1.208	−0.584	80.0	82 114	34 1208
2992	8.7	46 15.58	4.0543	0.0044	36 20 54.2	1.202	0.591	81.0	375 378	36 1290
2993	7.5	46 23.04	4.0082	0.0043	35 2 34.3	1.191	0.584	80.0	101 104	35 1273
2994	7.4	46 25.77	4.0498	0.0044	36 13 13.5	1.187	0.590	80.1	118 145	36 1292
2995	8.7	46 53.57	4.0694	0.0043	36 45 43.0	1.146	0.593	80.0	82 114	36 1295
2996	8.8	5 46 56.96	+4.0810	+0.0043	+37 4 47.8	+1.141	−0.595	81.0	375 378	37 1355
2997	9.0	47 9.21	4.0835	0.0043	37 8 43.8	1.124	0.595	85.4	404 500 654	37 1359
2998	9.0	47 15.64	4.1840	0.0045	39 47 23.8	1.114	0.610	86.5	88 97 626 633	39 1451
2999	7.4	47 20.88	4.0750	0.0042	36 54 43.6	1.107	0.594	88.2	5 Beob.[6]	36 1297
3000	8.5	47 28.51	4.1799	0.0045	39 41 0.2	1.095	0.609	80.1	126δ 141 152	39 1453

[1] Z. 626 633 652; M 71 165 169 [2] Dpl. 3^s.5; Z. 88 pr., Z. 97 med. [3] Dpl. 10″ austr. praec.
[4] Z. 375 378 626 [24^s.88] 633; M 325 [26^s.18] 326; R(2) [5] Z. 126δ 141 152 360 365 [6] Z. 372 398 599 626 633

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3001	8.7	$5^h\ 47^m\ 31^s.89$	+4ˢ.0916	+0ˢ.0042	+37° 21′ 48″.9	+1″.090	−0″.596	81.1	383 395	37° 1360
3002	8.3	47 39.61	4.0121	0.0040	35 8 45.7	1.079	0.585	80.0	82 114	35 1283
3003	7.6	47 46.99	4.0145	0.0040	35 12 46.3	1.069	0.585	80.0	101 104	35 1284
3004	9.0	47 49.15	4.1016	0.0042	37 38 1.5	1.065	0.598	84.6	404 501 506 654	37 1362
3005	8.5	47 52.62	4.1599	0.0043	39 10 6.0	1.060	0.606	79.9	88 97	39 1457
3006	8.5	5 47 53.80	+4.1316	+0.0043	+38 25 49.7	+1.059	−0.602	81.0	360 365	38 1331
3007	7.9	47 55.68	4.0733	0.0041	36 51 48.1	1.056	0.594	85.1	372 398 599	36 1301
3008	8.3	48 9.44	4.1364	0.0042	38 33 19.2	1.036	0.603	85.3	370 500 657	38 1333
3009	8.3	48 10.36	4.0091	0.0039	35 3 22.8	1.035	0.584	80.1	118 145	35 1285
3010	8.5	48 18.73	4.0462	0.0040	36 6 27.6	1.022	0.590	81.0	375 378	36 1304
3011	6.9	5 48 19.30	+4.1254	+0.0041	+38 15 58.6	+1.021	−0.601	81.0	360 365	38 1335
3012	8.5	48 26.75	4.0321	0.0039	35 42 40.8	1.011	0.588	80.1	118 145	35 1287
3013	7.4	48 31.54	4.0267	0.0039	35 33 28.2	1.004	0.587	80.0	101 104	35 1288
3014	8.8	48 36.29	4.0934	0.0040	37 24 26.2	0.997	0.597	85.4	404 501 654	37 1364
3015	8.8	48 41.38	4.0704	0.0040	36 46 36.7	0.989	0.593	81.1	383 395	36 1307
3016	8.5	5 48 42.70	+4.0555	+0.0039	+36 21 55.4	+0.987	−0.591	85.3	372 398 599	36 1308
3017	8.2	48 46.40	4.1907	0.0042	39 56 55.7	0.982	0.611	79.9	88 97	39 1461
3018	7.8	48 50.81	4.1390	0.0040	38 37 7.4	0.976	0.604	80.1	126δ 141 152	38 1337
3019	8.2	48 55.60	4.0424	0.0038	35 59 49.2	0.969	0.589	80.0	82 114	35 1290
3020	7.3	49 5.05	4.0339	0.0038	35 45 27.1	0.955	0.588	81.0	375 378	35 1292
3021	7.3	5 49 18.15	+4.0970	+0.0038	+37 29 55.8	+0.936	−0.597	85.4	370 506 657	37 1365
3022	9.2	49 20.92	4.0803	0.0038	37 2 43.2	0.932	0.595	81.1	383 395[1]	37 1366
3023	9.0	49 21.31	4.1159	0.0039	38 0 22.3	0.931	0.600	81.0	375 378	37 1367
3024	9.1	49 21.64	4.1236	0.0039	38 12 39.1	0.931	0.601	81.0	360 365	38 1339
3025	9.0	49 36.52	4.1860	0.0040	39 49 27.7	0.909	0.610	87.8	5 Beob.[2]	39 1467
3026	8.8	5 49 42.08	+4.1851	+0.0040	+39 48 4.2	+0.901	−0.610	81.5	404 500	39 1469
3027	7.5	49 54.64	4.1490	0.0038	38 52 31.0	0.884	0.605	87.8	5 Beob.[3]	38 1341
3028	8.4	50 4.92	4.1809	0.0038	39 41 32.4	0.868	0.610	80.1	126δ 141 152	39 1471
3029	8.5	50 5.35	4.0555	0.0036	36 21 26.5	0.867	0.591	80.0	82 114	36 1316
3030	8.7	50 19.98	4.0999	0.0036	37 34 23.3	0.846	0.598	87.1	375 378 626 633	37 1374
3031	8.6	5 50 22.73	+4.0808	+0.0036	+37 3 15.6	+0.842	−0.595	80.1	118 145	37 1375
3032	9.0	50 27.84	4.0605	0.0036	36 29 41.6	0.834	0.592	80.0	101 104	36 1318
3033	8.7	50 31.41	4.1834	0.0038	39 45 19.2	0.829	0.610	80.1	141 152	39 1475
3034	6.9	50 32.34	4.1939	0.0038	40 1 7.0	0.828	0.612	79.9	88 97	40 1472
3035	7.7	50 51.07	4.1391	0.0036	38 36 38.0	0.800	0.604	85.4	404 500 654	38 1343
3036	9.1	5 50 58.31	+4.0936	+0.0035	+37 23 52.5	+0.790	−0.597	80.1	118 145	37 1377
3037	7.5	51 9.52	4.0717	0.0034	36 48 5.7	0.774	0.594	80.0	82 114	36 1322
3038	**3.0**	**51 11.89**	**4.0863**	**0.0034**	**37 12 5.1**	**0.770**	**0.598**		**Fund. Cat.**	**37 1380**
3039	8.8	51 18.69	4.1801	0.0036	39 40 3.2	0.760	0.610	81.0	360 365	39 1478
3040	8.1	51 21.90	4.0441	0.0033	36 1 56.7	0.755	0.589	80.0	101 104	36 1324
3041	9.2	5 51 35.71	+4.1646	+0.0034	+39 6 12.0	+0.735	−0.607	80.1	126δ 141 152	39 1479
3042	7.4	51 37.38	4.1880	0.0035	39 51 55.8	0.733	0.610	79.9	88 97	39 1480
3043	8.6	51 42.84	4.1370	0.0033	38 33 12.4	0.725	0.603	81.0	360 365	38 1347
3044	8.8	51 45.62	4.0327	0.0032	35 42 36.6	0.721	0.588	80.0	82 114	35 1302
3045	7.8	52 6.20	4.0183	0.0031	35 18 4.3	0.691	0.586	86.6	101 104 626 633	35 1304
3046	8.5	5 52 19.11	+4.1060	+0.0032	+37 43 34.8	+0.672	−0.599	81.0	360 365	37 1385
3047	8.1	52 19.37	4.1192	0.0032	38 4 48.8	0.672	0.600	80.1	126δ 141 152	38 1350
3048	8.2	52 42.86	4.0166	0.0030	35 15 0.1	0.637	0.585	88.7	114 626 633	35 1308
3049	9.0	52 49.94	4.0171	0.0029	35 15 51.5	0.627	0.585	80.0	82 104	35 1309
3050	8.7	53 6.87	4.0149	0.0029	35 11 59.9	0.603	0.585	80.1	118 145	35 1311

[1] Dpl.? (med.) [2] Z. 88 97 626 633 654 [3] Z. 370 501 626 633 657

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3051	8.3	5h 53m 9s.54	+4s.0614	+0s.0030	+36° 30′ 29″.8	+0″.599	−0″.592	81.1	383 395	36° 1332
3052	9.0	53 13.52	4.0111	0.0029	35 5 29.1	0.593	0.585	81.0	375 378	35 1312
3053	9.2	53 18.01	4.1686	0.0030	39 21 55.4	0.586	0.608	79.9	88 97	39 1487
3054	8.3	53 23.76	4.1335	0.0030	38 27 11.3	0.578	0.603	80.1	1268 141 152	38 1356
3055	7.2	53 27.39	4.1435	0.0030	38 42 48.9	0.573	0.604	79.9	88 97	38 1357
3056	9.3	5 53 30.33	+4.0338	+0.0029	+35 44 6.6	+0.568	−0.588	80.0	101 104	35 1313
3057	8.4	53 37.76	4.1063	0.0029	37 43 53.8	0.557	0.599	81.0	360 365	37 1389
3058	8.9	53 40.95	4.0299	0.0029	35 37 25.6	0.553	0.588	80.0	82 114	35 1315
3059	8.6	53 56.17	4.0196	0.0027	35 19 47.4	0.531	0.586	80.1	118 145	35 1316
3060	8.7	54 2.10	4.0542	0.0028	36 18 15.6	0.522	0.591	81.0	375 378	36 1335
3061	8.9	5 54 5.87	+4.0553	+0.0028	+36 20 6.2	+0.516	−0.591	81.0	375 378	36 1336
3062	8.9	54 15.35	4.0985	0.0028	37 31 5.6	0.503	0.598	81.0	360 365	37 1391
3063	8.7	54 17.61	4.0745	0.0028	36 51 59.6	0.499	0.594	93.1	626 633	36 1337
3064	8.3	54 37.47	4.0620	0.0027	36 31 11.5	0.470	0.592	80.1	118 145	36 1339
3065	8.8	54 41.20	4.1863	0.0027	39 48 41.8	0.465	0.611	79.9	88 97	39 1494
3066	8.6	5 54 55.46	+4.0583	+0.0026	+36 24 58.1	+0.444	−0.592	81.1	383 395	36 1341
3067	8.7	55 10.39	4.0373	0.0025	35 49 48.0	0.422	0.589	80.0	82[1] 114	35 1322
3068	8.6	55 18.75	4.0133	0.0025	35 8 46.1	0.410	0.586	80.0	101 104	35 1324
3069	8.9	55 20.58	4.0584	0.0025	36 25 4.0	0.408	0.592	81.1	383 395	36 1343
3070	9.0	55 32.93	4.0866	0.0025	37 11 31.1	0.390	0.596	85.4	404 500 654	37 1399
3071	8.7	5 55 41.80	+4.1927	+0.0025	+39 58 10.6	+0.377	−0.612	79.9	88 97	39 1500
3072	8.8	55 45.11	4.0453	0.0024	36 3 5.4	0.372	0.590	80.5	82 114 375 378	36 1344
3073	9.2	56 2.16	4.1702	0.0024	39 23 54.0	0.347	0.608	80.1	126 141 152	39 1503
3074	6.4	56 2.38	4.1384	0.0024	38 34 35.6	0.347	0.603	81.0	360 365	38 1366
3075	8.9	56 22.37	4.0231	0.0022	35 25 29.4	0.317	0.587	80.1	101 104 118 145	35 1329
3076	7.0	5 56 28.19	+4.1154	+0.0023	+37 58 1.3	+0.309	−0.600	85.4	404 506 654	37 1405
3077	8.8	56 34.33	4.0253	0.0022	35 29 10.5	0.300	0.587	80.0	82 114	35 1330
3078	8.8	56 42.34	4.1319	0.0022	38 24 8.2	0.288	0.602	81.0	360 365	38 1368
3079	8.7	56 44.59	4.1693	0.0022	39 22 29.0	0.285	0.608	79.9	88 97	39 1507
3080	9.0	56 54.15	4.0250	0.0021	35 28 41.0	0.271	0.587	80.0	101 104	35 1332
3081	9.3	5 56 55.88	+4.1803	+0.0022	+39 39 13.8	+0.269	−0.610	80.1	126 141 152	39 1508
3082	9.2	56 56.16	4.0886	0.0022	37 14 42.7	0.268	0.596	85.1	372 398 599	37 1407
3083	8.7	56 56.51	4.0948	0.0022	37 24 42.4	0.268	0.597	85.4	370 500 657	37 1408
3084	8.9	56 56.56	4.0567	0.0021	36 22 4.6	0.268	0.592	86.5	118 145 626 633	36 1348
3085	8.9	56 57.27	4.0917	0.0022	37 19 40.3	0.267	0.597	85.1	372 398 599	37 1409
3086	8.7	5 57 15.21	+4.0775	+0.0021	+36 56 28.4	+0.240	−0.595	81.0	375 378	36 1349
3087	9.5	57 23.11	4.0473	0.0020	36 6 19.0	0.229	0.591	81.1	383 395	36 1351
3088	8.8	57 25.66	4.0603	0.0020	36 28 0.2	0.225	0.592	85.1	372 398 599	36 1352
3089	9.1	57 29.88	4.1785	0.0020	39 36 27.8	0.219	0.610	80.1	126 141 152	39 1509
3090	9.4	57 34.67	4.1442	0.0020	38 43 21.6	0.212	0.604	85.4	404 501 654	38 1373
3091	8.5	5 57 35.22	+4.0820	+0.0020	+37 3 50.7	+0.211	−0.595	81.1	383 395	37 1414
3092	8.8	57 36.61	4.0075	0.0020	34 58 35.7	0.209	0.585	80.0	82 114	34 1255
3093	6.4	57 46.81	4.0224	0.0020	35 24 9.8	0.194	0.587	90.8[2]	11 Beob.[3]	35 1334
3094	8.7	57 48.38	4.0661	0.0020	36 37 35.7	0.192	0.593	80.1	118 145	36 1356
3095	8.9	57 55.30	4.1396	0.0019	38 36 12.5	0.182	0.604	85.4	404 500 654	38 1376
3096	8.8	5 57 56.70	+4.0568	+0.0019	+36 22 7.0	+0.180	−0.592	81.0	375 378	36 1357
3097	8.5	57 56.81	4.1590	0.0019	39 6 28.2	0.180	0.607	81.0	360 365	39 1512
3098	6.8	57 58.08	4.1354	0.0019	38 29 28.5	0.178	0.603	86.1	7 Beob.[4]	38 1377
3099	9.2	57 59.45	4.2006	0.0019	40 9 48.2	0.176	0.613	79.9	88 97	40 1493
3100	9.2	58 15.56	4.1842	0.0018	39 45 7.6	0.152	0.611	81.0	360 365	39 1514

[1] Dpl. 2″ med. [2] E.B. −0s.009 −0″.31 (Porter) [3] Z. 101 104 618 626 633 646 652; M 278 279 280 282
[4] Z. 370 506 646 652 657; M 66 71

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3101	9.0	$5^h\ 58^m\ 29^s.37$	$+4^s.1615$	$+0^s.0018$	+39° 10′ 15″.9	+0″.132	−0″.607	80.1	126 141 152	39° 1515
3102	8.3	58 38.89	4.0861	0.0018	37 10 29.9	0.118	0.596	81.1	383 395	37 1417
3103	8.7	58 40.94	4.0246	0.0018	35 27 52.6	0.115	0.587	80.0	82 114	35 1338
3104	8.7	58 42.73	4.1020	0.0018	37 36 15.8	0.113	0.598	85.4	370 501 657	37 1418
3105	7.8	58 44.74	4.0161	0.0018	35 13 22.4	0.110	0.586	80.0	101 104	35 1339
3106	8.4	5 58 46.34	+4.1870	+0.0017	+39 49 21.2	+0.107	−0.611	79.9	88 97	39 1518
3107	7.4	58 56.48	4.1202	0.0017	38 5 33.3	0.093	0.601	88.3	5 Beob.[1]	38 1382
3108	7.7	58 59.14	4.0538	0.0017	36 17 4.2	0.089	0.591	84.1	394 401 408 653	36 1360
3109	8.1	59 6.85	4.0334	0.0017	35 42 44.6	0.078	0.589	80.1	118 145	35 1341
3110	9.3	59 10.92	4.1221	0.0017	38 8 28.1	0.072	0.601	83.9 85.4	404 500 654[2]	38 1383
3111	8.5	5 59 11.83	+4.1841	+0.0016	+39 44 55.1	+0.070	−0.611	81.0	360 365	39 1520
3112	8.8	59 15.08	4.0663	0.0017	36 38 0.4	0.066	0.593	81.0	375 378	36 1361
3113	8.5	59 23.98	4.1635	0.0016	39 13 24.5	0.053	0.607	80.1	126 141 152	39 1522
3114	8.4	59 26.06	4.1841	0.0016	39 44 56.6	0.049	0.610	79.9	88 97	39 1523
3115	6.8	59 29.89	4.0464	0.0016	36 4 40.7	0.044	0.590	80.1	118 145	36 1364
3116	8.8	5 59 36.25	+4.0890	+0.0016	+37 15 14.5	+0.035	−0.596	81.1	375 378 383 395	37 1420
3117	7.4	59 37.29	4.1166	0.0016	37 59 42.0	0.033	0.600	85.5	370 506 657	37 1421
3118	8.1	59 41.82	4.0032	0.0016	34 51 1.0	0.027	0.584	94.4 94.1	616δ 618; M 325 326	34 1266
3119	9.3	59 44.58	4.0204	0.0016	35 20 40.8	0.023	0.587	80.0	101 104	35 1342
3120	8.2	59 46.53	4.1071	0.0016	37 44 34.3	0.020	0.598	85.4	404 501 654	37 1422
3121	9.2	5 59 57.82	+4.1159	+0.0015	+37 58 31.0	+0.003	−0.600	81.1	383 395	37 1423
3122	8.2	6 0 7.86	4.0138	0.0015	35 9 17.0	−0.012	0.586	86.6 88.8	148 616δ 618	35 1345
3123	9.0	0 17.09	4.0130	0.0014	35 8 2.1	0.025	0.585	86.6 88.8	148 616δ 618	35 1346
3124	7.5	0 25.31	4.0685	0.0014	36 41 36.6	0.037	0.593	80.2	153 157	36 1367
3125	9.0	0 30.19	4.0039	0.0014	34 52 19.2	0.044	0.584	80.0	82 114	34 1271
3126	8.7	6 0 31.00	+4.1035	+0.0013	+37 38 37.1	−0.045	−0.598	88.3	5 Beob.[3]	37 1424
3127	9.0	0 31.27	4.1652	0.0013	39 16 0.2	0.046	0.607	80.1	126 141 152	39 1528
3128	8.7	0 39.23	4.1824	0.0013	39 42 18.6	0.057	0.610	79.9	88 97	39 1529
3129	9.0	0 42.43	4.1608	0.0013	39 9 11.0	0.062	0.607	81.0	360 365	39 1531
3130	7.2	0 43.12	4.0052	0.0014	34 54 32.8	0.063	0.584	88.8	131 627 634	34 1272
3131	8.8	6 0 45.84	+4.1095	+0.0013	+37 48 20.5	−0.067	−0.599	85.4	370 501 657	37 1426
3132	9.0	0 50.89	4.0757	0.0013	36 53 21.3	0.074	0.594	81.2	399 402	36 1369
3133	8.9	0 55.17	4.1276	0.0012	38 17 14.0	0.081	0.602	87.6	507 510 638 647	38 1390
3134	8.3	0 56.46	4.1625	0.0012	39 11 46.2	0.082	0.607	84.6	404 500 503 654	39 1533
3135	7.9	0 58.35	4.1286	0.0012	38 18 43.3	0.085	0.602	85.2	394 408 653	38 1391
3136	8.6	6 1 8.16	+4.0875	+0.0012	+37 12 43.2	−0.100	−0.596	87.7	503 506 638 647	37 1427
3137	8.9	1 15.76	4.0508	0.0012	36 12 3.2	0.110	0.591	81.2	399 402	36 1371
3138	8.0	1 20.22	4.1015	0.0012	37 35 25.2	0.117	0.598	85.4	360 500 657	37 1428
3139	8.8	1 23.01	4.0835	0.0012	37 6 10.0	0.121	0.596	85.5	404 510 654	37 1429
3140	8.9	1 28.00	4.0079	0.0012	34 59 15.8	0.128	0.585	86.6 88.8	131 616δ 618	34 1276
3141	8.7	6 1 34.64	+4.1224	+0.0011	+38 9 3.0	−0.138	−0.601	80.1	126 141 152	38 1395
3142	8.5	1 49.84	4.1523	0.0010	38 56 0.8	0.160	0.605	81.0	360 365	38 1396
3143	8.9	1 57.40	4.0728	0.0011	36 48 40.2	0.171	0.594	80.2	153 157	[36 1373]
3144	8.9	2 3.21	4.0719	0.0010	36 47 16.9	0.180	0.594	94.5 94.1	616δ 618; M 325 326	36 1375
3145	9.0	2 5.64	4.0037	0.0011	34 51 59.5	0.183	0.584	80.1	139 148	34 1281
3146	8.8	6 2 17.82	+4.1590	+0.0009	+39 6 31.2	−0.201	−0.607	79.9	88 97	39 1537
3147	8.5	2 21.37	4.1059	0.0008	37 42 42.6	0.206	0.599	81.0	360 365	37 1434
3148	8.7	2 53.01	4.1310	0.0007	38 22 41.8	0.252	0.602	80.1	126 141 152	38 1402
3149	8.8	3 8.25	4.1738	0.0007	39 29 22.0	0.275	0.609	79.9	88 97	39 1542
3150	8.5	3 35.23	4.0271	0.0008	35 32 21.3	0.314	0.588	80.1	112 131	35 1356

[1] Z. 372 398 599 626 633 [2] *a* Gew. ½ [3] Z. 372 398 599 627 634

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3151	9.1	6^h 3^m $43^s.36$	+4.1473	+0.0006	+38° 48′ 28″.3	−0.326	−0.605	80.1	5 Beob. [1]	38° 1407
3152	9.5	3 46.37	4.0132	0.0008	35 8 27.2	0.330	0.586	81.2	399 402	35 1357
3153	8.5	3 47.25	4.0152	0.0008	35 12 0.2	0.331	0.586	80.1	139 148	35 1358
3154	8.5	3 49.29	4.0492	0.0007	36 9 38.1	0.334	0.591	80.2	153 157	36 1380
3155	9.4	4 19.21	4.1313	0.0005	38 23 20.1	0.378	0.602	85.4	404 500 654	38 1409
3156	8.5	6 4 34.76	+4.0150	+0.0006	+35 11 35.3	−0.401	−0.586	80.1	112 131	35 1360
3157	8.2	4 35.94	4.0213	0.0005	35 22 32.8	0.402	0.587	80.1	139 148	35 1362
3158	8.6	4 44.39	4.1235	0.0003	38 10 59.2	0.415	0.601	80.1	126 141 152	38 1410
3159	8.7	4 46.20	4.1324	0.0003	38 25 12.8	0.418	0.602	81.0	360 365	38 1411
3160	6.8	4 59.80	4.0864	0.0004	37 11 15.2	0.437	0.595	80.2	153 157	37 1443
3161	8.9	6 5 7.44	+4.1650	+0.0002	+39 16 10.0	−0.448	−0.607	79.9	88 97	39 1549
3162	9.3	5 21.01	4.0984	0.0004	37 30 54.1	0.468	0.597	85.4	404 501 654	37 1444
3163	8.8	5 23.20	4.0665	0.0004	36 38 44.5	0.471	0.592	80.1	112 131	36 1385
3164	8.0	5 25.24	4.0799	0.0004	37 0 46.6	0.474	0.594	81.2	399 402	37 1446
3165	7.8	5 31.89	4.0923	0.0003	37 21 1.4	0.484	0.596	87.6	500 503 638 647	37 1448
3166	8.8	6 5 36.78	+4.1598	+0.0002	+39 8 11.2	−0.491	−0.606	80.1	126 141 152	39 1552
3167	7.5	5 37.69	4.1821	0.0001	39 42 17.0	0.492	0.609	84.3 86.6	88 97 616δ 618	39 1553
3168	8.9	5 42.19	4.1433	0.0001	38 42 31.8	0.499	0.603	81.0	360 365	38 1417
3169	8.7	5 44.36	4.0821	0.0002	37 4 30.0	0.502	0.594	80.2	153 157	37 1449
3170	8.7	5 49.00	4.1398	0.0001	38 37 3.1	0.509	0.603	85.4	370 506 657	38 1418
3171	8.8	6 5 51.03	+4.1325	+0.0001	+38 25 33.0	−0.512	−0.602	87.2	394[2] 408 627 634	38 1419
3172	9.2	5 58.53	4.0623	0.0002	36 31 47.8	0.523	0.592	80.1	139 148	36 1386
3173	9.5	5 59.79	4.1056	0.0002	37 42 43.1	0.525	0.598	81.2	399 402	37 1451
3174	9.4	6 2.98	4.1673	0.0000	39 19 45.4	0.529	0.607	81.7	404 510	39 1557
3175	9.4	6 12.94	4.1381	0.0001	38 34 26.7	0.543	0.603	90.4 90.9	5 Beob. [3]	38 1424
3176	9.1	6 6 24.79	+4.0860	+0.0002	+37 11 0.3	−0.561	−0.595	81.2	399 402	37 1453
3177	8.4	6 31.59	4.0179	+0.0002	35 16 54.9	0.571	0.585	86.7	112 131 627 634	35 1366
3178	7.5	6 33.37	4.1928	−0.0001	39 58 45.4	0.574	0.611	82.2	6 Beob. [4]	39 1559
3179	8.9	6 44.80	4.1108	+0.0001	37 51 6.7	0.590	0.598	85.5	370 511 657	37 1454
3180	9.1	6 47.68	4.1923	−0.0001	39 58 1.4	0.594	0.611	95.1	M 325 326	39 1560
3181	7.7	6 6 48.83	+4.0948	+0.0001	+37 25 19.8	−0.596	−0.596	87.2 88.4	5 Beob. [5]	37 1455
3182	8.8	6 57.05	4.0572	+0.0001	36 23 32.6	0.608	0.591	80.2	153 157	36 1387
3183	8.5	7 0.46	4.1755	−0.0002	39 32 32.0	0.613	0.608	85.4	404 500 654	39 1563
3184	8.2	7 0.75	4.1839	−0.0002	39 45 26.0	0.613	0.609	81.0	360 365	39 1562
3185	8.6	7 1.03	4.0097	+0.0001	35 2 59.8	0.614	0.584	80.1	139 148	35 1370
3186	9.4	6 7 11.40	+4.1037	0.0000	+37 39 48.2	−0.629	−0.597	87.7	506 507 638 647	37 1456
3187	6.5[6]	7 13.54	4.0496	0.0000	36 11 0.3	0.632	0.590	88.4	5 Beob. [7]	36 1388
3188	9.1	7 24.49	4.0877	−0.0001	37 13 52.5	0.648	0.595	80.6	112 131 399 402	37 1457
3189	8.5	7 27.65	4.1076	−0.0002	37 46 8.2	0.653	0.598	85.5	404 510 654	37 1458
3190	8.4	7 30.45	4.1499	−0.0003	38 53 7.5	0.656	0.604	81.0	360 365	38 1432
3191	7.0	6 7 33.23	+4.1040	−0.0003	+37 40 24.1	−0.661	−0.597	87.6	501 503 638 647	37 1459
3192	8.7	7 33.35	4.1232	0.0003	38 11 4.2	0.661	0.600	85.4	370 500 657	38 1433
3193	8.5	7 37.27	4.0839	0.0002	37 7 48.8	0.667	0.594	80.2	139 148 153 157	37 1460
3194	9.0	7 45.60	4.1765	0.0005	39 34 14.5	0.679	0.608	84.3 86.5	88 97 616δ 618	39 1568
3195	8.8	8 12.09	4.1835	0.0006	39 45 0.7	0.718	0.610	80.1	126 141 152	39 1570
3196	8.9	6 8 19.58	+4.1148	−0.0004	+37 58 0.5	−0.728	−0.599	85.5	370 511 657	37 1461
3197	9.4	8 23.62	4.0824	0.0003	37 5 29.0	0.734	0.594	87.7	506 507 638 647	37 1462
3198	8.7	8 29.01	4.0564	0.0003	36 22 36.6	0.742	0.591	80.1	139 148	36 1391
3199	9.0	8 51.97	4.0762	0.0005	36 55 33.9	0.776	0.594	80.2	153 157	36 1393
3200	7.0	8 52.58	4.1892	0.0007	39 53 56.1	0.777	0.610	80.1	5 Beob. [8]	39 1575

[1] Z. 88 97 126 141 152 [2] Dpl. seq. [3] Z. 501 616δ 618 638 647 [4] Z. 88 97 126 141 152 634
[5] Z. 394 408 616δ 618 653 [6] Dpl. bor. seq. [7] Z. 394 408 653; M 279 280 [8] Z. 88 97 126 141 152

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3201	9.0	6h 8m 55.36s	+4.0554s	−0.0004s	+36° 21′ 2.1″	−0.780″	−0.591″	81.2	399 402	36° 1395
3202	7.0	9 3.35	4.1741	0.0008	39 30 53.2	0.792	0.608	81.0	360 365	39 1576
3203	8.6	9 4.77	4.1785	0.0008	39 37 41.5	0.794	0.609	85.5	404 510 654	39 1577
3204	9.2	9 10.99	4.1456	0.0007	38 46 48.1	0.803	0.603	81.9	497 500	38 1439
3205	8.6	9 11.31	4.1912	0.0008	39 57 0.4	0.804	0.611	85.5	370 507 657	39 1578
3206	6.6	6 9 11.59	+4.0142	−0.0003	+35 11 17.9	−0.804	−0.585	80.1	112 131	35 1375
3207	9.0	9 11.73	4.1243	0.0006	38 13 18.4	0.804	0.600	86.8 87.6	501 503 638[1] 647	38 1440
3208	8.4	9 12.11	4.1603	0.0007	39 9 47.1	0.805	0.606	85.4	6 Beob.[2]	39 1579
3209	8.1	9 19.79	4.1592	0.0007	39 8 5.6	0.816	0.606	80.1	126 141 152	39 1580
3210	8.7	9 28.72	4.0205	0.0004	35 22 12.1	0.829	0.586	80.2	153 157	35 1376
3211	8.7	6 9 38.68	+4.1420	−0.0008	+38 41 25.9	−0.844	−0.603	87.2 88.3	5 Beob.[3]	38 1444
3212	8.6	9 39.35	4.0300	0.0005	35 38 22.9	0.845	0.587	80.1	112 131	35 1377
3213	8.7	9 50.71	4.1294	0.0008	38 21 41.0	0.861	0.601	85.5	370 506 657	38 1445
3214	8.8	9 55.45	4.1934	0.0010	40 0 35.5	0.868	0.611	79.9	88 97	40 1551
3215	9.0	9 55.56	4.0368	0.0006	35 50 0.0	0.868	0.588	80.1	139 148	35 1378
3216	9.4	6 9 56.98	+4.1081	−0.0008	+37 47 37.1	−0.870	−0.598	82.0	497 510	37 1468
3217	9.0	9 57.13	4.1618	0.0009	39 12 20.7	0.871	0.606	81.0	360 365	39 1583
3218	8.6	9 58.00	4.1408	0.0009	38 39 37.8	0.872	0.603	87.2 88.3	5 Beob.[3]	38 1446
3219	9.6	9 58.42	4.1044	0.0008	37 41 44.3	0.872	0.597	91.4	507 647; M 325 326	37 1469
3220	7.6	10 3.64	4.1263	0.0008	38 16 46.7	0.880	0.601	85.7	497 511 M 278	38 1447
3221	8.8	6 10 10.24	+4.1231	−0.0008	+38 11 42.8	−0.890	−0.600	81.6	404 506	38 1449
3222	8.6	10 19.41	4.1276	0.0008	38 18 53.1	0.903	0.601	85.5	370 503 657	38 1450
3223	9.4	10 23.24	4.0773	0.0008	36 57 46.9	0.909	0.594	81.2	399 402	36 1400
3224	8.7	10 24.99	4.1858	0.0011	39 49 10.5	0.911	0.610	80.1	126 141 152	39 1584
3225	6.7	10 32.01	4.0163	0.0006	35 15 14.0	0.921	0.585	80.1	112 131	35 1380
3226	9.1	6 10 38.17	+4.1778	−0.0011	+39 37 2.6	−0.930	−0.608	79.9	88 97	39 1587
3227	8.8	10 52.30	4.0987	0.0010	37 32 51.3	0.951	0.596	94.4 94.1	616δ 618; M 325 326	37 1475
3228	8.3	10 52.94	4.1875	0.0012	39 52 0.5	0.952	0.610	81.0	360 365	39 1589
3229	9.5	10 57.75	4.0506	0.0008	36 13 41.6	0.959	0.590	81.2	399 402	36 1401
3230	6.8	11 6.92	4.1338	0.0011	38 28 59.5	0.972	0.602	85.4	370 500 657	38 1452
3231	8.8	6 11 23.90	+4.0882	−0.0010	+37 16 1.7	−0.997	−0.595	80.2	148 153 157	37 1477
3232	8.9	11 29.37	4.0107	0.0008	35 6 5.3	1.005	0.584	80.1	112 131	35 1383
3233	8.4	11 31.61	4.0869	0.0010	37 13 58.3	1.008	0.595	80.2	139 153 157	37 1478
3234	8.4	11 34.25	4.0516	0.0009	36 15 30.4	1.012	0.590	80.1	139 148	36 1402
3235	9.1	11 39.30	4.1850	0.0014	39 48 31.8	1.020	0.609	79.9	88 97	39 1594
3236	9.5	6 11 49.95	+4.1491	−0.0013	+38 53 17.9	−1.035	−0.604	87.0 89.0	365 616δ 618	38 1459
3237	8.3	12 6.82	4.1687	0.0014	39 23 40.9	1.060	0.607	80.1	126 141 152	39 1595
3238	8.7	12 25.70	4.0646	0.0012	36 37 33.1	1.087	0.592	80.1	112 131	36 1406
3239	9.1	12 29.08	4.1382	0.0015	38 36 29.9	1.092	0.602	81.0	360 365	38 1461
3240	8.8	12 32.73	4.0937	0.0012	37 25 17.6	1.097	0.596	81.6	404 500	37 1485
3241	8.2	6 12 36.36	+4.1148	−0.0013	+37 59 24.9	−1.103	−0.598	85.5	370 503 657	37 1486
3242	8.0	12 36.51	4.0552	0.0011	36 21 53.4	1.103	0.590	80.1	139 148	36 1407
3243	8.8	12 55.60	4.1367	0.0016	38 34 11.5	1.131	0.602	81.6	404 501	38 1463
3244	9.2	13 9.09	4.1602	0.0016	39 11 4.6	1.151	0.606	80.1	5 Beob.[4]	39 1600
3245	9.5	13 13.88	4.1269	0.0015	38 18 53.5	1.157	0.600	81.6	404 500	38 1466
3246	9.0	6 13 15.22	+4.0479	−0.0013	+36 10 1.0	−1.159	−0.589	80.2	153 157	36 1408
3247	9.0	13 15.41	4.0964	0.0014	37 29 56.7	1.159	0.596	94.5 94.2	616δ 618; M 325 326	37 1488
3248	8.6	13 16.34	4.0468	0.0013	36 8 7.6	1.161	0.589	84.5 86.7	153 157 616δ 618	36 1409
3249	8.6	13 23.62	4.0905	0.0014	37 20 29.2	1.171	0.595	81.2	399 402	37 1489
3250	8.4	13 36.18	4.0165	0.0012	35 16 46.1	1.190	0.584	80.1	112 131	35 1387

[1] α Gew. ½ [2] Z. 394 404 408 511 653 654 [3] Z. 394 408 616δ 618 653 [4] Z. 88 97 126 141 152

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3251	9.0	6h 13m 38s.74	+4s.1460	−0s.0017	+38° 49′ 10″.7	−1″.193	−0″.603	80.1	126 141 152	38° 1469
3252	9.3	13 44.36	4.0534	0.0014	36 19 27.7	1.202	0.590	81.2	399 402	36 1410
3253	8.5	13 44.96	4.1959	0.0019	40 5 51.5	1.202	0.611	79.9	88 97	40 1577
3254	9.1	14 1.19	4.1354	0.0019	38 32 44.0	1.226	0.601	81.0	360 365	38 1471
3255	9.3	14 20.56	4.0242	0.0015	35 30 17.8	1.254	0.585	94.5 94.2	616δ 618; M 325 326	35 1389
3256	8.4	6 14 26.28	+4.0465	−0.0015	+36 8 5.1	−1.262	−0.589	81.2	399 402	36 1412
3257	9.1	14 37.79	4.0295	0.0015	35 39 31.4	1.279	0.586	80.1	112 131	35 1391
3258	7.5	14 47.38	4.1181	0.0018	38 5 40.3	1.293	0.599	80.1	126 141 152	38 1475
3259	7.2	14 50.21	4.0266	0.0015	35 34 41.8	1.297	0.586	80.1	139 148	35 1392
3260	9.2	14 54.73	4.0961	0.0019	37 30 20.8	1.304	0.595	81.0	360 365	37 1495
3261	8.4	6 15 8.54	+4.1841	−0.0022	+39 48 33.0	−1.324	−0.608	79.9	88 97	39 1608
3262	8.8	15 17.30	4.0444	0.0017	36 5 0.5	1.337	0.588	80.2	153 157	36 1417
3263	8.7	15 26.23	4.1590	0.0022	39 10 12.3	1.350	0.604	80.1	126 141 152	39 1612
3264	9.4	15 34.29	4.1001	0.0019	37 37 4.5	1.362	0.595	81.2	399[1] 402	37 1498
3265	8.9	15 35.10	4.1028	0.0021	37 41 28.4	1.363	0.596	85.7	500 503 634	37 1499
3266	9.2	6 15 35.22	+4.1505	−0.0022	+38 57 1.8	−1.363	−0.603	81.6	404 501	38 1481
3267	9.0	15 40.61	4.1940	0.0024	40 3 52.7	1.371	0.609	87.6 88.7	5 Beob.[2]	40 1586
3268	7.9	15 53.12	4.1382	0.0022	38 37 59.9	1.389	0.602	87.4 88.5	5 Beob.[3]	38 1484
3269	9.0	15 55.36	4.0427	0.0018	36 2 29.5	1.392	0.587	80.2	153 157	36 1419
3270	7.1	15 58.12	4.0911	0.0020	37 22 40.8	1.397	0.594	85.2	394 408 653	37 1501
3271	8.2	6 16 8.12	+4.0238	−0.0019	+35 30 23.8	−1.412	−0.584	80.1	112 131	35 1395
3272	8.7	16 14.23	4.1203	0.0022	38 9 45.6	1.420	0.598	85.5	370 510 657	38 1486
3273	6.8	16 17.02	4.0171	0.0018	35 19 5.1	1.424	0.584	80.1	139 148	35 1397
3274	8.1	16 21.02	4.0132	0.0018	35 12 28.1	1.430	0.583	80.1	139 148	35 1399
3275	9.0	16 21.61	4.0867	0.0021	37 15 36.9	1.430	0.594	87.6	500 503 638 647	37 1503
3276	8.9	6 16 22.41	+4.1575	−0.0024	+39 8 17.0	−1.432	−0.604	81.0	360 365	39 1614
3277	8.9	16 25.26	4.1706	0.0025	39 28 32.5	1.436	0.606	80.2	126 141 152	39 1615
3278	8.2	16 29.27	4.0448	0.0020	36 6 12.3	1.441	0.587	80.2	153 157	36 1422
3279	8.7	16 44.77	4.0461	0.0020	36 8 39.7	1.464	0.587	81.2	399 402	36 1423
3280	8.4	16 54.04	4.1788	0.0027	39 41 26.2	1.478	0.607	81.0	360 365	39 1617
3281	8.9	6 17 2.83	+4.0339	−0.0021	+35 48 4.2	−1.490	−0.586	80.1	112 131	35 1401
3282	9.3	17 8.09	4.1829	0.0028	39 47 48.7	1.498	0.608	81.7	404 506	39 1620
3283	7.2	17 8.65	4.1182	0.0025	38 6 52.3	1.499	0.598	85.5	370 510 657	38 1490
3284	9.2	17 8.69	4.1555	0.0026	39 5 39.1	1.499	0.603	88.7 89.5	6 Beob.[4]	39 1621
3285	9.0	17 13.52	4.1058	0.0025	37 47 9.7	1.506	0.596	85.4	370 501 657	37 1506
3286	8.0	6 17 24.88	+4.1907	−0.0029	+39 59 44.6	−1.522	−0.609	79.9	88 97	40 1598
3287	9.0	17 35.54	4.0581	0.0023	36 29 10.5	1.538	0.589	88.8	131 627 634	36 1427
3288	9.2	17 35.83	4.1557	0.0027	39 6 14.4	1.538	0.603	80.1	126 141	39 1625
3289	9.1	17 44.84	4.1863	0.0029	39 53 16.8	1.551	0.608	85.0 87.0	360 365 616δ 618	39 1627
3290	7.2	17 54.69	4.1805	0.0029	39 44 32.2	1.566	0.607	79.9	88 97	39 1629
3291	8.5	6 17 54.73	+4.0970	−0.0025	+37 33 13.5	−1.566	−0.595	85.5	404 503 654	37 1508
3292	7.6	18 20.61	4.1531	0.0029	39 2 38.8	1.603	0.603	81.0	360 365	39 1632
3293	8.4	18 25.00	4.0900	0.0027	37 22 7.0	1.610	0.594	80.1	139 148	37 1509
3294	9.3	18 30.70	4.0068	0.0023	35 2 37.4	1.618	0.582	80.1	139 148	35 1406
3295	8.7	18 35.87	4.0499	0.0025	36 16 4.3	1.626	0.588	87.6	500 506 638 647	36 1430
3296	7.3	6 18 38.00	+4.0227	−0.0023	+35 29 54.9	−1.629	−0.584	80.1	112 131	35 1408
3297	9.0	18 44.18	4.1645	0.0031	39 20 34.7	1.638	0.604	79.9	88 97	39 1633
3298	9.1	18 57.50	4.0782	0.0027	37 3 9.7	1.657	0.592	83.9 85.5	404 510 654[5]	37 1510
3299	8.2	18 59.43	4.1867	0.0032	39 54 38.3	1.660	0.608	80.1	126 141 152	39 1634
3300	9.0	19 5.54	4.0783	0.0027	37 3 21.0	1.669	0.591	85.5	370 510 657	37 1511

[1] Dpl. austr. seq. [2] Z. 88 97 616δ; M 325 326 [3] Z. 370 506 616δ 618 657 [4] Z. 501 507 616δ 618 638 647
[5] *a* Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3301	8.7	6h 19m 10s.15	+4s.0060	−0s.0024	+35° 1′ 36″.1	−1″.675	−0″.581	80.2	153 157	35° 1412
3302	9.4	19 14.00	4.0158	0.0025	35 18 26.5	1.681	0.583	81.2	399 402	35 1413
3303	8.1	19 24.53	4.0195	0.0025	35 25 0.5	1.696	0.583	80.1	139 148	35 1415
3304	8.2	19 31.46	4.0076	0.0025	35 4 34.9	1.706	0.581	80.1	112 131	35 1416
3305	8.8	19 32.54	4.0650	0.0027	36 41 45.9	1.708	0.590	87.5	500 501 638 647	36 1435
3306	7.7	6 19 33.74	+4.0499	−0.0027	+36 16 29.1	−1.710	−0.587	85.5	497 503 660	36 1436
3307	8.4	19 39.63	4.1270	0.0031	38 22 21.5	1.718	0.599	81.7	404 506	38 1496
3308	8.7	19 45.11	4.0444	0.0027	36 7 22.8	1.726	0.587	85.4	394 408 653	36 1439
3309	8.2	19 45.46	4.1950	0.0034	40 7 50.1	1.727	0.609	79.9	88 97	40 1610
3310	8.9	19 47.79	4.0708	0.0028	36 51 29.7	1.730	0.590	87.6	501 507 638 647	36 1438
3311	7.5	6 19 52.39	+4.1579	−0.0033	+39 11 5.1	−1.737	−0.603	80.1	126 141 152	39 1635
3312	8.6	19 53.44	4.0852	0.0029	37 15 15.1	1.738	0.593	85.5	370 511 657	37 1514
3313	8.2	20 5.13	4.0088	0.0026	35 6 54.5	1.755	0.582	80.2	153 157	35 1417
3314	7.7	20 7.54	4.1522	0.0033	39 2 21.2	1.759	0.602	81.0	360 365	39 1637
3315	9.0	20 8.18	4.0652	0.0029	36 42 25.6	1.760	0.589	85.2	394 408 653	36 1441
3316	8.4	6 20 13.67	+4.0350	−0.0027	+35 51 48.2	−1.768	−0.585	81.2	399 402	35 1419
3317	9.0[1]	20 13.83	4.0924	0.0030	37 27 18.6[2]	1.768	0.594	85.5 81.7	404 503 654	37 1516
3318	7.2	20 21.55	4.0598	0.0028	36 33 40.2	1.779	0.589	90.7 90.9[3]	10 Beob.[4]	36 1442
3319	8.5	20 21.92	4.0164	0.0027	35 20 14.2	1.780	0.583	80.1	139 148	35 1420
3320	6.9	20 22.73	4.0026	0.0026	34 56 22.4	1.781	0.581	80.1	112 131	34 1356
3321	9.2	6 20 27.82	+4.1716	−0.0035	+39 32 37.0	−1.788	−0.605	80.1	126 141 152	39 1640
3322	8.1	20 35.20	4.1788	0.0036	39 43 38.1	1.799	0.606	79.9	88 97	39 1641
3323	8.9	20 43.22	4.1077	0.0032	37 52 13.4	1.811	0.596	81.0	360 365	37 1518
3324	8.8	21 2.46	4.0140	0.0028	35 16 26.6	1.839	0.582	80.2	153 157	35 1422
3325	8.3	21 7.41	4.0192	0.0029	35 25 24.1	1.846	0.583	81.2	399 402	35 1423
3326	8.3	6 21 15.46	+4.0300	−0.0029	+35 44 1.7	−1.857	−0.584	87.6	500 501 638 647	35 1424
3327	8.6	21 18.99	4.0638	0.0031	36 40 52.7	1.863	0.589	87.7	506 507 638 647[5]	36 1446
3328	8.1	21 25.27	4.1519	0.0036	39 2 40.2	1.872	0.602	80.1	126 141 152	39 1645
3329	8.6	21 30.93	4.0365	0.0030	35 55 15.3	1.880	0.585	80.1	112 131	35 1426
3330	8.3	21 34.48	4.0284	0.0030	35 41 29.4	1.885	0.584	80.1	139 148	35 1427
3331	8.4	6 21 36.52	+4.1085	−0.0033	+37 54 10.6	−1.888	−0.596	85.5	404 503 654	37 1520
3332	8.6	21 51.52	4.1879	0.0039	39 58 21.1	1.910	0.607	79.9	88 97	39 1647
3333	8.9	21 52.79	4.0798	0.0033	37 7 42.6	1.912	0.591	89.5 90.4	510 616δ 618 657	37 1521
3334	9.1	22 16.82	4.0720	0.0034	36 55 6.9	1.947	0.590	80.2	153 157	36 1448
3335	6.3	22 20.77	4.1823	0.0040	39 50 13.6	1.952	0.606	81.0	360 365	39 1649
3336	8.6	6 22 24.57	+4.1594	−0.0039	+39 15 7.9	−1.958	−0.603	80.1	126 141 152	39 1650
3337	9.3	22 26.66	4.0608	0.0033	36 36 41.2	1.961	0.588	81.2	399 402	36 1449
3338	8.1	22 33.61	4.0011	0.0031	34 55 8.7	1.971	0.580	84.4 86.6	112 131 616δ 618	34 1371
3339	9.4	22 46.65	4.0748	0.0035	37 0 7.3	1.990	0.590	85.4 87.3	404 500 616δ 618	37 1523
3340	9.0	22 56.27	3.9994	0.0032	34 52 33.6	2.004	0.579	80.1	139 148	34 1373
3341	6.6	6 23 1.56	+4.0842	−0.0036	+37 15 39.1	−2.011	−0.592	85.5	370 506 657	37 1524
3342	8.7	23 5.03	4.0937	0.0037	37 31 13.1	2.016	0.593	81.0	360 365	37 1525
3343	8.4	23 15.06	4.0015	0.0032	34 56 58.4	2.031	0.579	80.2	153 157	34 1377
3344	9.0	23 18.50	4.0522	0.0035	36 22 56.1	2.036	0.587	81.2	399 402	36 1450
3345	9.1	23 21.54	4.1815	0.0043	39 49 42.2	2.040	0.605	79.9	88 97	39 1655
3346	8.8	6 23 21.63	+4.0189	−0.0033	+35 26 31.5	−2.041	−0.582	80.1	139 148	35 1433
3347	8.2	23 33.88	4.0629	0.0036	36 40 57.2	2.058	0.588	85.5	497 507 660	36 1452
3348	8.7	23 34.31	4.0427	0.0034	36 7 6.5	2.059	0.585	87.7	501 503 638 647	36 1451
3349	8.9	23 34.58	4.1876	0.0044	39 59 8.8	2.059	0.607	88.7	97 627 634	40 1625
3350	9.3	23 38.92	4.0871	0.0038	37 20 55.2	2.066	0.592	87.7	500 510 638 647	37 1527

[1] Dpl. austr. seq. M 279 280 282 [2] Z. 654 [28″.6] [3] E.B. −0s.029 −0″.22 (Porter) [4] Z. 497 510 616δ 618 627 634 660; [5] Dpl. austr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3351	8.9	6h 23m 49s.74	+4s.0536	−0s.0036	+36° 25′ 36″.2	−2″.081	−0″.586	87.2 88.4	5 Beob. [1]	36° 1453
3352	8.8	24 11.70	4.1916	0.0045	40 5 43.7	2.113	0.607	85.5	404 506 654	40 1630
3353	9.3	24 13.79	4.0014	0.0034	34 57 2.4	2.116	0.579	80.1	112 131	34 1381
3354	8.8	24 14.04	4.1628	0.0042	39 21 43.8	2.117	0.602	81.0	360 365	39 1660
3355	9.1	24 14.05	4.1544	0.0042	39 8 44.5	2.117	0.602	80.1	126 152	39 1659
3356	9.5	6 24 16.04	+4.0316	−0.0036	+35 48 49.8	−2.119	−0.584	81.2	399 402	35 1435
3357	7.6	24 17.60	4.1827	0.0045	39 52 17.3	2.122	0.605	85.5	370 503 657	39 1661
3358	6.8	24 18.51	4.0163	0.0035	35 22 50.7	2.123	0.581	80.2	153 157	35 1436
3359	7.0	24 24.49	4.0083	0.0035	35 9 1.1	2.132	0.580	80.1	139 148	35 1437
3360	8.1	24 33.10	4.0813	0.0039	37 12 2.5	2.144	0.590	81.2	399 402	37 1530
3361	8.5	6 24 33.66	+4.0981	−0.0040	+37 39 29.1	−2.145	−0.594	85.4	8 Beob. [2]	37 1531
3362	8.5	24 36.48	4.0059	0.0035	35 5 5.4	2.149	0.580	80.1	112 131	35 1438
3363	9.2	24 50.54	4.1005	0.0041	37 43 37.3	2.169	0.594	81.0	360 365	37 1532
3364	6.9	25 1.13	4.1692	0.0046	39 32 10.9	2.185	0.603	84.4 86.5	88 97 616δ 618	39 1664
3365	9.1	25 28.55	4.0617	0.0040	36 40 31.0	2.225	0.587	80.2	153 157	36 1458
3366	6.6	6 25 45.28	+4.1165	−0.0044	+38 10 1.7	−2.249	−0.596	85.5	370 511 657	38 1523
3367	9.5	25 47.56	4.0666	0.0041	36 48 54.1	2.252	0.589	80.2	153 157	36 1459
3368	9.0	25 48.77	4.1165	0.0044	38 10 14.9	2.254	0.595	84.4	370 404 500 654	38 1524
3369	9.1	25 48.85	4.1162	0.0044	38 9 41.6	2.254	0.595	94.6	657; M 325 326	38 1525
3370	8.6	25 48.99	4.1695	0.0048	39 33 24.4	2.254	0.603	80.1	126 141 152	39 1669
3371	8.7	6 26 4.23	+4.1925	−0.0049	+40 8 38.8	−2.276	−0.606	79.9	88 97	40 1638
3372	8.9	26 5.14	4.0213	0.0039	35 32 46.1	2.278	0.581	86.6 88.7	112 616δ 618	35 1446
3373	7.6[3]	26 5.49	4.1339	0.0046	38 37 57.6	2.278	0.596	87.7	506 507 638 647	38 1528
3374	9.1	26 6.57	4.1458	0.0047	38 56 50.4	2.279	0.597	88.5	5 Beob. [4]	38 1529
3375	8.8	26 8.25	4.1521	0.0047	39 6 37.9	2.282	0.600	87.1	360 365 627 634	39 1672
3376	9.0	6 26 9.47	+4.1068	−0.0044	+37 54 43.0	−2.284	−0.594	87.6	503 510 638 647	37 1536
3377	9.3	26 19.23	4.0262	0.0040	35 41 23.0	2.298	0.582	80.1	139 148	35 1447
3378	8.5	26 24.23	4.1537	0.0048	39 9 19.9	2.305	0.600	79.9	88 97	39 1673
3379	9.5	26 25.52	4.0663	0.0043	36 48 54.6	2.307	0.588	81.2	399 402	36 1461
3380	8.9	26 26.72[5]	4.1419	0.0048	38 50 55.0	2.309	0.599	80.1	126 141 152	38 1530
3381	9.2	6 26 33.80	+4.0956	−0.0045	+37 37 3.3	−2.319	−0.593	81.2	399 402	37 1538
3382	7.2	26 36.78	4.0787	0.0043	37 9 29.9	2.323	0.590	80.1	139 148	37 1539
3383	8.8	26 49.43	4.0035	0.0040	35 2 35.1	2.342	0.579	80.1	112 131	35 1450
3384	7.2	26 49.75	4.1026	0.0045	37 48 38.8	2.342	0.593	83.6	5 Beob. [6]	37 1540
3385	8.6	27 5.90	4.1076	0.0046	37 57 0.1	2.366	0.594	81.2	399 402	37 1541
3386	8.6	6 27 28.93	+3.9956	−0.0041	+34 49 21.6	−2.399	−0.577	80.1	112 131	34 1401
3387	9.1	27 32.77	4.1490	0.0050	39 3 1.3	2.404	0.599	80.1	5 Beob. [7]	39 1678
3388	8.2	27 43.35	4.1126	0.0048	38 5 36.1	2.420	0.594	85.4	404 500 654[8]	38 1537
3389	8.6	27 54.51	4.0701	0.0046	36 56 22.6	2.436	0.588	80.2	153 157	36 1465
3390	6.0	27 57.20	4.1295	0.0050	38 32 38.3	2.440	0.597	85.1	394 408 653	38 1539
3391	8.5	6 28 0.43	+4.0872	−0.0047	+37 24 38.1	−2.445	−0.591	85.5	370 503 657	37 1544
3392	8.7	28 1.56	4.0124	0.0043	35 19 7.9	2.446	0.579	80.1	139 148	35 1453
3393	8.7	28 7.45	4.1424	0.0051	38 53 10.2	2.455	0.598	87.0 89.0	365 616δ 618	38 1540
3394	8.9	28 14.20	4.1073	0.0049	37 57 29.3	2.465	0.593	81.2	399 402	37 1545
3395	9.1	28 14.71	4.0676	0.0047	36 52 35.8	2.465	0.588	80.2	153 157	36 1466
3396	8.7	6 28 22.54	+4.0725	−0.0048	+37 0 47.6	−2.476	−0.588	80.1	139 148	37 1547
3397	7.9	28 22.80	4.0857	0.0048	37 22 30.9	2.477	0.590	87.7	503 507 638 647	37 1546
3398	9.0	28 24.04	4.1206	0.0050	38 18 55.8	2.479	0.595	90.4 90.9	5 Beob. [9]	38 1542
3399	9.3	28 31.45	4.1327	0.0052	38 38 22.7	2.490	0.597	85.4	404 500 654	38 1545
3400	8.6	28 31.64	4.1886	0.0055	40 4 55.3	2.490	0.605	79.9	88 97	40 1650

[1] Z. 394 408 616δ 618 653 [2] Z. 126 141 152 404 501 627 634 654 [3] Dpl. 5″ bor. praec.
[4] Z. 404 501 627 634 654 [5] Z. 152 [26s.25] [6] Z. 360 365 370 501 657 [7] Z. 88 97 126 141 152
[8] Obl. [9] Z. 501 616δ 618 638 (obl.) 647 (dpl. 2″ a. pr.)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3401	8.8	6h 28m 37s.74	+4s.0600	−0s.0047	+36° 40′ 18″.4	−2″.500	−0″.586	80.1	112 131	36° 1468
3402	8.8	28 39.67	4.1670	0.0054	39 31 52.0	2.501	0.601	80.1	126 141 152	39 1682
3403	8.8	28 41.17	4.1285	0.0051	38 31 45.8	2.504	0.596	85.5	370[1] 510 657	38 1546
3404	9.0	29 15.68[2]	4.1806	0.0057	39 53 17.3	2.553	0.604	89.0 87.0	360 365 627 634	39 1684
3405	9.5	29 16.03	4.1063	0.0051	37 56 48.1	2.554	0.593	85.1 87.1	399 402 616δ 618	37 1549
3406	8.9	6 29 19.34	+4.1658	−0.0056	+39 30 45.7	−2.559	−0.602	80.1	126 141 152(½)	39 1685
3407	8.2	29 22.44	3.9966	0.0044	34 52 45.4	2.563	0.577	80.1	112 131	34 1408
3408	9.0	29 22.74	4.0848	0.0049	37 21 58.5	2.564	0.590	80.2	153 157	37 1550
3409	8.7	29 55.52	3.9985	0.0046	34 56 40.7	2.611	0.577	80.1	139 148	34 1412
3410	7.6	29 55.53	4.1542	0.0056	39 13 24.3	2.611	0.599	85.4	404 501 654	39 1689
3411	**6.3**	**6 29 59.77**	**+4.1649**	**−0.0058**	**+39 29 54.3**	**−2.617**	**−0.601**		**Fund. Cat.**	**39 1690**
3412	7.7	30 3.66	4.0790	0.0051	37 13 10.8	2.623	0.589	81.2	399 402	37 1553
3413	5.8	30 6.81	4.1847	0.0059	40 0 26.8	2.627	0.604	79.9	88 97	40 1665
3414	9.1	30 23.25	4.1308	0.0056	38 37 5.0	2.651	0.595	85.4	370 500 657	38 1555
3415	9.0	30 30.56	4.1117	0.0054	38 6 43.2	2.662	0.593	80.2	146 160	38 1557
3416	8.9	6 30 33.75	+4.0834	−0.0053	+37 20 47.2	−2.666	−0.589	80.2	153 157	37 1554
3417	8.3	30 53.25	4.0620	0.0052	36 45 46.4	2.695	0.586	80.1	112 131	36 1471
3418	9.0	31 5.49	4.1869	0.0062	40 4 46.3	2.712	0.604	80.0	102 108	40 1670
3419	9.3	31 5.60	4.1897	0.0062	40 8 58.3	2.712	0.604	81.2	396 410	40 1669
3420	8.6	31 11.12	4.0580	0.0051	36 39 20.5	2.720	0.585	80.1	139 148	36 1472
3421	9.4	6 31 12.96	+4.1288	−0.0057	+38 34 43.7	−2.723	−0.595	87.7	500 510 638 647	38 1559
3422	9.1	31 14.04	4.1753	0.0060	39 47 10.6	2.725	0.602	84.4	123 135 658	39 1694
3423	8.9	31 19.72	3.9970	0.0049	34 55 19.5	2.733	0.576	84.4 86.6	112 131 617δ 619	34 1420
3424	9.0	31 28.64	4.1169	0.0057	38 15 56.2	2.746	0.593	84.4	123 135 658	38 1563
3425	9.0	31 37.49	4.1615	0.0061	39 26 21.2	2.759	0.600	80.0	102 108[3]	39 1696
3426	8.2	6 31 41.65	+4.1016	−0.0056	+37 51 32.5	−2.764	−0.591	80.2	146 160	37 1557
3427	8.6	31 45.47	4.0181	0.0050	35 32 16.3	2.770	0.579	80.1	139 148	35 1462
3428	8.4	32 1.37	4.0834	0.0056	37 22 18.9	2.793	0.589	81.2	399 402	37 1558
3429	8.4	32 16.20	4.0224	0.0052	35 40 11.5	2.814	0.580	80.2	153 157	35 1464
3430	8.9	32 27.41	4.1813	0.0065	39 57 38.0	2.831	0.602	80.0	102 108	39 1700
3431	6.9	6 32 30.34	+4.1573	−0.0063	+39 20 44.3	−2.835	−0.599	84.4	123 135 658	39 1701
3432	8.8	32 34.41	4.0056	0.0051	35 11 35.8	2.841	0.577	80.1	139 148	35 1465
3433	8.9	32 35.81	4.0014	0.0051	35 4 17.0	2.843	0.576	80.2	153 157	35 1466
3434	9.2	32 44.88	4.0772	0.0057	37 12 51.0	2.856	0.587	81.7	405 503	37 1560
3435	8.9	32 46.14	4.1266	0.0061	38 32 48.0	2.858	0.594	85.3 87.3	370 500 617δ 619	38 1570
3436	9.4	6 32 46.76	+4.0434	−0.0055	+36 16 21.2	−2.859	−0.582	81.2	396 410	36 1478
3437	9.6	32 48.28	4.1886	0.0066	40 9 3.4	2.861	0.603	92.2 92.7	6 Beob.[4]	40 1680
3438	8.9	32 59.75	4.0386	0.0054	36 8 34.2	2.877	0.581	85.3	394 408 653	36 1480
3439	8 8	33 7.80	4.1717	0.0065	39 43 39.5	2.889	0.601	80.2	146 160	39 1705
3440	6.8	33 14.15	4.0350	0.0054	36 2 45.4	2.898	0.581	85.5	497 511 660	36 1482
3441	8.9	6 33 14.73	+3.9976	−0.0052	+34 58 20.3	−2.899	−0.575	80.1	112 131	34 1427
3442	8.9	33 15.38	4.0212	0.0054	35 39 13.4	2.900	0.579	85.0 87.1	399 402 617δ 619	35 1468
3443	8.8	33 16.01	4.1362	0.0062	38 48 35.5	2.901	0.595	81.6	370 510	38 1573
3444	9.0	33 25.86	4.1110	0.0061	38 8 30.9	2.915	0.592	81.2	396 410	38 1574
3445	9.0	33 27.75	4.0957	0.0060	37 43 52.8	2.918	0.590	87.3	405 507 627 634	37 1563
3446	9.5	6 33 30.76	+4.1359	−0.0063	+38 48 17.5	−2.922	−0.595	87.5	501 510 638 647	38 1575
3447	9.1	33 31.75	4.0721	0.0059	37 5 13.1	2.923	0.586	81.2	399 402	37 1564
3448	9.4	33 38.23	4.1583	0.0065	39 23 30.7	2.933	0.598	81.2	396 410	39 1708
3449	8.7	33 39.03	4.1732	0.0067	39 46 35.2	2.934	0.601	84.4	123 135 658	39 1709
3450	9.0	33 44.57	4.1139	0.0062	38 13 35.3	2.942	0.592	81.2	394 408	38 1577

[1] Dpl. 10″ 290° [2] Z. 360 [15s.39] [3] Dpl. 10″ praec. [4] Z. 501 638; M 325 326δ; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3451	8.3	6h 33m 49s.27	+4s.1489	−0s.0065	+39° 8′ 59″.4	−2″.949	−0″.597	80.2	146 160	39° 1711
3452	9.0	33 49.32	4.0520	0.0057	36 31 58.6	2.949	0.583	84.3 86.6	112 131 617δ 619	36 1483
3453	8.0	33 54.17	4.0764	0.0060	37 12 41.7	2.956	0.587	85.5	497 503 660	37 1565
3454	8.8	33 55.21	4.1833	0.0068	40 2 12.4	2.956	0.602	80.0	102 108	40 1685
3455	8.9	33 55.60	4.1722	0.0067	39 45 14.5	2.958	0.600	89.4	511 627 634	39 1712
3456	8.5	6 33 56.00	+4.0989	−0.0061	+37 49 34.1	−2.958	−0.590	81.7	405 506	37 1566
3457	6.1	33 57.30	4.1434	0.0065	39 0 38.3	2.960	0.596	85.2	394 408 653	39 1713
3458	8.6	34 7.40	4.0447	0.0057	36 20 1.4	2.975	0.582	80.1	139 148	36 1484
3459	8.9	34 11.85	4.1248	0.0064	38 31 26.9	2.981	0.593	87.7	500 507 638 647	38 1578
3460	8.8	34 16.21	4.1583	0.0067	39 24 14.0	2.988	0.598	81.7	405 511	39 1714
3461	8.7	6 34 17.09	+4.0583	−0.0059	+36 43 0.1	−2.989	−0.584	80.2	153 157	36 1485
3462	8.6	34 30.11	4.0423	0.0058	36 16 26.8	3.008	0.581	80.2	153 157	36 1486
3463	9.0	34 35.44	4.1864	0.0070	40 7 45.4	3.015	0.602	90.1	108; M 325 326	40 1689
3464	9.0	34 36.91	4.1686	0.0068	39 40 32.8	3.017	0.600	80.2	146 160	39 1716
3465	8.6	34 42.16	4.1844	0.0071	40 4 47.1	3.025	0.602	84.4	123 135 658	40 1690
3466	5.9	6 34 44.37	+4.0778	−0.0061	+37 15 57.8	−3.028	−0.586	85.7	497 503 660	37 1567
3467	8.6	34 48.20	4.0202	0.0057	35 39 8.0	3.034	0.578	84.3 86.6	112 131 617δ 619	35 1472
3468	9.2	34 48.45	4.0643	0.0060	36 53 40.8	3.034	0.585	81.2	399 402	36 1488
3469	8.4	34 53.24	4.0480	0.0059	36 26 30.7	3.041	0.582	87.7	501 506 638 647	36 1490
3470	8.3	35 0.35	4.0725	0.0062	37 7 49.0	3.051	0.586	85.1	394 408 653	37 1568
3471	8.9	6 35 2.32	+4.1536	−0.0068	+39 17 47.5	−3.054	−0.597	87.3	370 500 627 634	39 1720
3472	8.7	35 14.42	4.1160	0.0065	38 18 29.6	3.072	0.592	81.2	396 410	38 1583
3473	9.1	35 18.44	4.0226	0.0057	35 43 47.1	3.077	0.578	80.1	139 148	35 1475
3474	8.1	35 26.00	4.0101	0.0057	35 22 17.6	3.088	0.576	80.1	112 131	35 1476
3475	9.4	35 36.90	4.0941	0.0065	37 43 32.7	3.104	0.588	87.7	503 510 638 647	37 1569
3476	9.1	6 35 41.34	+4.0795	−0.0064	+37 19 44.5	−3.110	−0.586	81.7	405 507	37 1570
3477	7.1	35 43.42	4.0717	0.0063	37 6 55.1	3.113	0.585	81.5	370 501	37 1571
3478	8.7	35 47.12	4.0415	0.0061	36 16 34.8	3.119	0.580	80.2	153 157	36 1493
3479	6.0	35 48.15	4.0399	0.0061	36 13 48.5	3.120	0.580	80.1	139 148	36 1494
3480	9.5	35 56.19	4.0045	0.0058	35 13 19.8	3.132	0.575	81.2	399 402	35 1480
3481	8.7	6 36 4.75	+4.1377	−0.0070	+38 54 3.7	−3.144	−0.595	84.4	123 135 658	38 1589
3482	9.0	36 7.31	4.0902	0.0065	37 37 48.7	3.149	0.588	81.2	394 408	37 1574
3483	8.7	36 9.13	4.1383	0.0070	38 55 0.4	3.150	0.594	80.2	146 160	38 1590
3484	8.6	36 9.75	4.1361	0.0070	38 51 40.0	3.151	0.594	85.2 87.2	396 410 617δ 619	38 1591
3485	8.5	36 22.41	4.1778	0.0074	39 56 42.7	3.169	0.600	80.0	102 108	39 1728
3486	9.5	6 36 26.14	+4.1771	−0.0074	+39 55 36.4	−3.175	−0.600	81.2	396 410	39 1729
3487	8.4	36 26.84	4.1775	0.0074	39 56 7.7	3.176	0.600	80.0	102 108	39 1730
3488	6.8	36 30.60	4.1602	0.0073	39 29 45.2	3.181	0.597	84.4	123 135 658	39 1731
3489	9.0	36 42.46	4.0325	0.0061	36 2 21.6	3.198	0.579	80.1	139 148	36 1495
3490	7.9	36 53.27	4.1160	0.0070	38 30 29.2	3.214	0.592	85.7	497 506 660	38 1595
3491	8.6	6 36 59.48	+4.0193	−0.0062	+35 39 58.1	−3.223	−0.576	80.1	112 131	35 1484
3492	9.3	37 2.39	4.1067	0.0069	38 5 42.7	3.227	0.589	88.7 89.5	6 Beob.[1]	38 1597
3493	8.8	37 14.03	4.0882	0.0068	37 35 51.9	3.244	0.587	81.6	405 501	37 1577
3494	7.6	37 14.68	4.0995	0.0069	37 54 13.9	3.245	0.588	85.2	394 408 653	37 1578
3495	8.8	37 17.30	4.1568	0.0074	39 25 19.8	3.248	0.596	80.2	146 160	39 1735
3496	9.1	6 37 17.83	+4.1215	−0.0071	+38 29 48.4	−3.249	−0.591	81.2	396 410	38 1598
3497	6.6	37 21.83	4.1442	0.0073	39 5 46.1	3.255	0.595	80.0	102 108	39 1736
3498	8.3	37 31.49	4.0358	0.0064	36 8 53.7	3.269	0.579	81.2	399 402	36 1497
3499	8.7	37 38.78	4.0814	0.0068	37 25 8.6	3.279	0.585	87.4	405 503 638 655	37 1579
3500	9.2	37 43.82	4.0015	0.0061	35 10 9.5	3.287	0.574	80.1	112 131	35 1485

[1] Z. 500 510 617δ 619 638 647

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3501	8.8	$6^h\ 37^m\ 43^s.95$	$+4^s.0928$	$-0^s.0068$	$+37°\ 44'\ 4''.3$	$-3''.287$	$-0''.587$	84.4	123 135 658	37° 1580
3502	8.7	37 54.79	4.0799	0.0069	37 23 4.2	3.302	0.585	87.6 88.6	5 Beob. [1]	37 1581
3503	9.2	37 58.11	4.0602	0.0067	36 50 29.6	3.307	0.582	81.2	399 402	36 1499
3504	8.7	38 0.42	4.0014	0.0061	35 10 11.6	3.310	0.574	80.1	139 148	35 1487
3505	8.9	38 17.83	4.0050	0.0062	35 16 46.8	3.336	0.574	80.2	153 157	35 1488
3506	8.2	6 38 28.91	+4.0475	−0.0067	+36 29 53.6	−3.351	−0.580	80.1	139 148	36 1501
3507	8.4	38 29.64	3.9998	0.0062	35 8 5.8	3.352	0.573	80.1	112 131	35 1489
3508	8.7	38 31.17	4.1081	0.0072	38 9 47.5	3.355	0.589	80.2	146 160	38 1601
3509	9.1	38 32.50	4.0674	0.0069	37 3 9.5	3.357	0.583	81.2	399 402	37 1582
3510	9.0	38 41.73	4.1387	0.0076	38 58 45.0	3.370	0.594	80.2	146 160	38 1602
3511	9.1	6 38 43.75	+4.1159	−0.0073	+38 22 34.4	−3.373	−0.590	87.6	501 506 638 647	38 1603
3512	7.7	38 48.69	4.1268	0.0076	38 40 2.2	3.380	0.592	84.4	123 135 658	38 1605
3513	8.6	38 49.09	4.0582	0.0069	36 48 12.4	3.380	0.582	80.2	153 157	36 1502
3514	9.3	39 6.85	4.0709	0.0071	37 9 43.3	3.406	0.583	81.2	399 402	37 1584
3515	8.1	39 9.99	4.0568	0.0069	36 46 15.2	3.411	0.581	81.2	396 410	36 1504
3516	9.1	6 39 17.24	+4.1424	−0.0078	+39 5 20.8	−3.421	−0.594	86.6 88.7	108 617δ 619	39 1746
3517	8.9	39 41.17	4.1482	0.0079	39 14 52.7	3.455	0.594	80.0	102 108	39 1748
3518	9.2	39 47.91	4.0363	0.0068	36 12 32.3	3.465	0.578	80.2	153 157	36 1505
3519	8.5	39 55.53	4.0081	0.0066	35 24 7.1	3.476	0.574	80.1	112 131	35 1491
3520	8.9	40 11.75	4.1070	0.0076	38 10 2.1	3.499	0.588	84.4	123 135 658	38 1610
3521	8.7	6 40 13.49	+4.0392	−0.0070	+36 17 53.8	−3.502	−0.578	80.1	139 148	36 1506
3522	9.1	40 19.87	4.0068	0.0067	35 22 34.7	3.511	0.574	80.1	112 131	35 1492
3523	8.1	40 24.78	4.0874	0.0075	37 38 31.2	3.518	0.585	85.4	405 500 655	37 1587
3524	8.2	40 26.29	4.0677	0.0073	37 6 1.5	3.520	0.582	81.2	396 410	37 1588
3525	8.7	40 26.56	4.1156	0.0078	38 24 17.8	3.521	0.590	80.2	146 160	38 1611
3526	8.6	6 40 57.71	+4.0710	−0.0075	+37 12 14.8	−3.565	−0.582	87.6	501 503 638 647	37 1590
3527	9.0	41 1.53	4.1248	0.0079	38 39 45.3	3.571	0.589	85.4	405 506 655	38 1613
3528	9.2	41 2.48	4.0556	0.0073	36 46 35.6	3.572	0.580	80.1	139 148	36 1508
3529	8.9	41 3.76	4.0969	0.0077	37 54 48.8	3.574	0.586	81.2	396 410	37 1591
3530	8.2	41 3.80	4.1169	0.0079	38 27 4.9	3.574	0.589	80.2	146 160	38 1614
3531	9.5	6 41 6.90	+4.1018	−0.0078	+38 2 56.9	−3.578	−0.586	87.6	500 507 638 647	38 1616
3532	7.4	41 10.83	4.1611	0.0084	39 36 59.1	3.584	0.595	80.0	102 108	39 1754
3533	8.5	41 11.19	4.0486	0.0073	36 34 59.9	3.585	0.579	81.2	399 402	36 1509
3534	6.7	41 14.38	4.0870	0.0077	37 38 58.9	3.589	0.584	87.2	394 408 619 653	37 1592
3535	8.5	41 19.97	4.0473	0.0073	36 33 2.9	3.597	0.579	80.2	153 157	36 1510
3536	8.8	6 41 29.70	+4.1701	−0.0086	+39 51 20.5	−3.611	−0.596	88.8 89.9	123 617δ 619 658	39 1755
3537	8.0	41 30.46	4.1793	0.0087	40 5 31.5	3.612	0.597	80.0	102 108	40 1729
3538	7.9	41 30.75	4.1359	0.0082	38 57 57.8	3.613	0.592	85.2	394 408 653	38 1617
3539	9.0	41 31.13	4.0692	0.0076	37 9 52.3	3.613	0.582	85.5	405 510 655	37 1593
3540	8.0	41 41.01	4.1703	0.0086	39 51 51.7	3.627	0.596	84.4	123 135 658	39 1756
3541	8.0	6 41 49.18	+4.0464	−0.0074	+36 32 30.3	−3.639	−0.578	80.2	153 157	36 1511
3542	8.5	41 50.22	4.0631	0.0076	37 0 16.1	3.641	0.581	81.2	396 410	37 1595
3543	7.4	41 53.38	3.9999	0.0069	35 12 30.8	3.645	0.572	80.1	112 131	35 1495
3544	8.9	41 53.72	4.0455	0.0074	36 30 48.2	3.646	0.578	81.2	399 402	36 1512
3545	8.3	42 2.39	4.1115	0.0081	38 19 43.7	3.658	0.588	80.2	146 160	38 1620
3546	8.7	6 42 10.08	+3.9931	−0.0069	+35 0 57.5	−3.669	−0.571	80.1	139 148	35 1496
3547	8.6	42 10.40	4.0878	0.0079	37 41 31.5	3.669	0.584	87.6	501 503 638 647	37 1597
3548	8.1	42 19.88	4.0881	0.0079	37 42 11.6	3.683	0.584	85.5	405 503 655	37 1598
3549	9.4	42 32.74	4.0385	0.0075	36 19 44.8	3.701	0.577	81.2	399 402	36 1514
3550	9.2	42 40.35	4.0624	0.0078	37 0 8.1	3.712	0.580	80.1	112 131	37 1600

[1] Z. 500 503 617δ 619 647

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3551	9.0	6h 42m 49s.73	+4s.1261	−0s.0084	+38° 44′ 15″.6	−3″.726	−0″.590	81.2	396 410	38° 1623
3552	8.8	43 1.34	4.1526	0.0087	39 26 12.9	3.743	0.593	84.4	123 135 658	39 1761
3553	9.3	43 1.80	4.1509	0.0087	39 23 38.2	3.743	0.593	80.2	146 160	39 1762
3554	8.6	43 4.40	4.0571	0.0078	36 51 55.3	3.747	0.579	81.2	399 402	36 1516
3555	9.1	43 9.53	4.1255	0.0085	38 43 39.4	3.754	0.589	87.5	500 501 638 647	38 1626
3556	8.8	6 43 12.87	+4.1571	−0.0088	+39 33 31.8	−3.759	−0.594	85.5	405 506 655	39 1763
3557	8.8	43 20.48	4.1795	0.0091	40 8 16.8	3.770	0.596	80.0	102 108	40 1737
3558	8.7	43 23.69	4.1726	0.0091	39 57 50.9	3.775	0.595	87.2 88.4	5 Beob.[1]	39 1765
3559	9.1	43 24.93	4.0273	0.0075	36 1 54.8	3.776	0.575	80.2	153 157	36 1517
3560	8.7	43 42.53	4.1392	0.0087	39 6 20.7	3.802	0.591	80.2	146 160	39 1768
3561	8.5	6 43 52.74	+4.0813	−0.0082	+37 33 6.8	−3.816	−0.582	87.6	500 503 638 647	37 1604
3562	8.5	43 54.49	4.0072	0.0074	35 27 47.2	3.819	0.572	80.1	112 131	35 1503
3563	7.0	43 55.10	4.1764	0.0092	40 4 27.8	3.820	0.596	80.0	102 108	40 1739
3564	9.0	43 57.75	4.1741	0.0092	40 1 0.8	3.823	0.595	84.4	123 135 658	40 1740
3565	8.7	43 59.46	4.1188	0.0086	38 34 16.4	3.826	0.588	81.2	396 410	38 1633
3566	8.5	6 44 2.94	+4.0230	−0.0076	+35 55 16.9	−3.831	−0.574	80.1	139 148	35 1505
3567	8.2	44 12.57	4.0132	0.0075	35 38 38.6	3.844	0.573	80.2	153 157	35 1508
3568	6.3[2]	44 25.39	4.1352	0.0089	39 0 57.6	3.863	0.590	84.4	123 135 658	39 1771
3569	8.7	44 35.88	4.0952	0.0085	37 57 1.1	3.878	0.584	81.2	396 410	37 1606
3570	6.0	44 39.03	4.1190	0.0087	38 35 28.2	3.882	0.587	85.4[3]	405 501 655	38 1636
3571	9.3	6 44 39.22	+4.1244	−0.0088	+38 44 5.1	−3.883	−0.588	86.8 87.6	507 510 638[4] 647	38 1635
3572	6.2	44 41.48	4.0229	0.0078	35 56 7.3	3.886	0.574	80.1	112 131	35 1511
3573	9.2	44 52.33	4.1723	0.0094	39 59 27.8	3.901	0.595	84.4 86.5	102 108 617δ 619	40 1745
3574	7.7	44 53.32	3.9942	0.0075	35 6 29.1	3.903	0.570	80.1	139 148	35 1513
3575	9.3	45 0.35	4.0290	0.0079	36 6 53.2	3.913	0.575	81.2	399 402	36 1519
3576	8.4	6 45 1.60	+4.1695	−0.0094	+39 55 26.8	−3.915	−0.594	80.2	146 160	39 1772
3577	9.1	45 8.26	4.1541	0.0092	39 31 43.3	3.924	0.593	87.7	500 501 638 647	39 1773
3578	7.5	45 9.21	4.1137	0.0088	38 27 40.9	3.926	0.587	90.2 90.5	9 Beob.[5]	38 1637
3579	7.7	45 15.72	4.1460	0.0092	39 19 10.4	3.935	0.591	85.5	405 506 655	39 1774
3580	9.0	45 18.78	4.0340	0.0080	36 15 55.4	3.940	0.575	88.8	157 627 M270	36 1521
3581	6.0	6 45 22.81	+4.1207	−0.0089	+38 39 20.8	−3.945	−0.587	80.2	146 160	38 1638
3582	8.7	45 30.32	4.0855	0.0086	37 42 22.8	3.956	0.582	81.2	399 402	37 1607
3583	9.1	45 33.67	4.1646	0.0095	39 48 38.3	3.961	0.593	80.0	102 108	39 1776
3584	8.8	45 43.63	4.1373	0.0092	39 6 15.8	3.975	0.590	84.4	123 135 658	39 1777
3585	8.5	45 54.00	4.0126	0.0079	35 40 0.7	3.990	0.572	84.4 86.5	112 131 617δ 619	35 1516
3586	8.4	6 46 3.52	+4.0053	−0.0079	+35 27 42.5	−4.003	−0.571	80.1	139 148	35 1517
3587	7.4	46 14.27	4.0626	0.0085	37 5 32.2	4.019	0.579	80.2	153 157	37 1609
3588	8.8	46 28.65	4.1374	0.0094	39 7 26.5	4.039	0.589	80.0	102 108	39 1784
3589	7.2[6]	47 0.95	4.0975	0.0091	38 4 15.1	4.085	0.583	80.2	146 160	38 1641
3590	8.5	47 11.97	4.1591	0.0098	39 42 30.0	4.101	0.592	84.4	123 135 658	39 1788
3591	8.7	6 47 24.48	+4.0734	−0.0089	+37 25 19.9	−4.119	−0.580	80.1	139 148	37 1613
3592	8.3	47 27.06	3.9881	0.0080	34 59 34.0	4.122	0.568	84.4 86.5	112 131 617δ 619	35 1522
3593	8.3	47 35.40	4.0767	0.0090	37 30 59.6	4.134	0.580	80.2	146 160	37 1615
3594	9.0	47 36.75	4.1205	0.0094	38 42 24.0	4.136	0.586	86.6 87.9	5 Beob.[7]	38 1645
3595	8.3	47 42.83	4.0538	0.0088	36 52 59.5	4.145	0.577	80.1	139 148	36 1528
3596	8.2	6 47 45.64	+4.1793	−0.0102	+40 14 39.4	−4.149	−0.594	93.2	M 276 278 279 280	*40 1758*
3597	8.0	47 48.02	4.0617	0.0089	37 6 20.8	4.152	0.578	80.2	153 157	37 1616
3598	8.7	48 21.78	4.1699	0.0102	40 1 4.7	4.201	0.593	80.0	102 108	40 1760
3599	8.9	48 29.61	3.9817	0.0081	34 49 39.0	4.212	0.566	80.1	112 131	34 1496
3600	6.2	48 49.72	4.0769	0.0093	37 33 17.2	4.240	0.579	80.2	153 157	37 1620

[1] Z. 394 408 617δ 619 653 [2] Dpl. bor. seq.; Com. 9m.4 [3] E.B. +0s.005 −0″.18 (Porter) [4] α Gew. ½
[5] Z. 396 410 617δ 619 627; M 270 279 280 282 [6] Com. 9m.4 15s 90° [7] Z. 123 135 617δ 619 658

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3601	8.5	6h 48m 57s.38	+4s.0017	−0s.0085	+35° 25′ 40″.3	−4″.251	−0″.569	80.1	139 148	35° 1524
3602	9.3	49 9.83	4.0741	0.0093	37 29 15.1	4.269	0.579	80.2	146 160	37 1621
3603	9.2	49 24.05	4.1514	0.0102	39 33 59.4	4.289	0.589	83.4	108 123 135 658[1]	39 1796
3604	7.8	49 51.91	4.0977	0.0097	38 9 6.6	4.329	0.582	86.7	146 160 638 647	38 1654
3605	8.2	49 54.01	4.0575	0.0093	37 2 33.9	4.332	0.576	80.1	112 131	37 1625
3606	8.9	6 50 3.55	+4.0986	−0.0098	+38 10 46.7	−4.346	−0.582	81.9	500 501	38 1655
3607	9.3	50 7.08	4.0259	0.0090	36 9 17.7	4.351	0.572	86.6 88.8	157 617δ 619	36 1535
3608	7.9	50 12.35	4.1557	0.0105	39 42 0.1	4.358	0.589	80.0	102 108	39 1799
3609	8.1	50 17.88	4.1650	0.0106	39 56 36.3	4.366	0.591	84.4	123 135 658	39 1801
3610	6.4	50 31.74	4.0996	0.0099	38 13 16.5	4.386	0.582	81.2	396 410	38 1656
3611	8.3	6 50 37.15	+4.1477	−0.0105	+39 30 14.9	−4.393	−0.588	84.4	123 135 658	39 1803
3612	8.3	50 45.65	4.0532	0.0094	36 56 47.5	4.406	0.575	80.2	153 157	36 1539
3613	9.5	50 45.74	4.1489	0.0105	39 32 26.5	4.406	0.588	88.7 89.5	6 Beob.[2]	39 1804
3614	9.0	50 59.19	3.9936	0.0088	35 14 34.9	4.425	0.566	80.1	112 131	35 1531
3615	7.8[3]	51 0.07	4.0643	0.0096	37 15 52.7	4.426	0.576	85.4	6 Beob.[4]	37 1628
3616	8.7	6 51 0.38	+3.9982	−0.0088	+35 22 45.5	−4.426	−0.567	80.1	139 148	35 1532
3617	8.0	51 1.93	4.0644	0.0096	37 16 7.0	4.429	0.576	93.2	627 M270	37 1629
3618	9.2	51 7.93	4.1654	0.0109	39 58 37.4	4.437	0.590	80.2	146 160	39 1806
3619	9.2	51 10.82	4.1691	0.0109	40 4 30.4	4.441	0.590	86.5 88.8	108 617δ 619	40 1768
3620	9.4	51 19.90	4.0454	0.0094	36 44 32.1	4.454	0.574	81.2	399 402	36 1541
3621	8.5	6 51 27.82	+4.0071	−0.0090	+35 38 56.4	−4.465	−0.568	80.1	112 131	35 1533
3622	8.4	51 46.88	3.9996	0.0090	35 26 32.7	4.493	0.567	80.1	139 148	35 1534
3623	8.9	51 54.77	4.1611	0.0110	39 53 16.8	4.504	0.589	84.4	123 135 658	39 1814
3624	9.0	51 54.93	4.1704	0.0111	40 7 39.4	4.504	0.590	93.1	627 M270	40 1769
3625	8.9	51 56.21	4.0057	0.0091	35 37 16.8	4.506	0.567	80.2	153 157	35 1535
3626	7.8	6 51 58.98	+4.1856	−0.0113	+40 31 10.1	−4.510	−0.592	80.0	102 108	*40 1770*
3627	7.9	52 19.69	4.0643	0.0099	37 17 58.2	4.539	0.576	81.2	399 402	37 1632
3628	8.4	52 23.71	3.9924	0.0090	35 14 46.4	4.545	0.565	80.1	112 131	35 1538
3629	8.1	52 34.81	4.1397	0.0108	39 20 56.1	4.561	0.586	86.6 87.7	5 Beob.[5]	39 1817
3630	8.9	52 39.20	4.1276	0.0107	39 1 50.1	4.567	0.584	80.2	146 160	39 1818
3631	9.3	6 52 40.71	+4.0675	−0.0100	+37 24 0.4	−4.569	−0.576	81.2	399 402	37 1634
3632	9.2	52 50.81	4.1145	0.0106	38 41 10.5	4.583	0.582	85.5	6 Beob.[6]	38 1663
3633	8.9	52 54.12	4.0184	0.0095	36 1 3.0	4.588	0.569	80.2	153 157	36 1548
3634	9.2[7]	52 58.36	4.1646	0.0113	40 0 28.5	4.594	0.589	94.4 94.1	617δ 619; M325 326	40 1776
3635	8.3	53 3.82	3.9892	0.0091	35 10 12.4	4.602	0.564	80.1	139 148	35 1539
3636	8.9	6 53 9.30	+4.0749	−0.0102	+37 37 4.6	−4.610	−0.577	81.2	396 410	37 1635
3637	9.0	53 15.46	4.0818	0.0103	37 48 39.2	4.618	0.577	87.7	501 506 638 647	37 1636
3638	8.7	53 42.65	4.0846	0.0104	37 54 0.8	4.657	0.578	80.2	146 160	37 1638
3639	8.7	53 44.14	4.1382	0.0111	39 20 38.0	4.659	0.585	84.4	123 135 658	39 1822
3640	8.9	54 1.97	4.1672	0.0116	40 6 25.5	4.684	0.588	80.0	102 108	40 1778
3641	8.2	6 54 10.69	+4.0711	−0.0103	+37 32 33.7	−4.697	−0.575	81.2	399 402	37 1639
3642	8.7	54 27.05	4.0402	0.0101	36 41 0.6	4.720	0.571	80.1	112 131 139 148	36 1551
3643	8.0	54 33.47	4.1472	0.0115	39 36 15.2	4.729	0.585	80.0	102 108	39 1826
3644	8.7	54 33.71	4.0993	0.0108	38 19 39.2	4.729	0.579	80.2	146 160	38 1670
3645	9.0	54 56.96	4.1565	0.0116	39 51 26.9	4.762	0.586	84.4	123 135 658	39 1828
3646	8.0	6 54 57.46	+4.0801	−0.0106	+37 48 45.2	−4.763	−0.576	81.2	399 402	37 1640
3647	9.3	55 5.90	4.0354	0.0102	36 34 3.6	4.775	0.570	80.1	139 148	36 1554
3648	8.7	55 9.72	4.0689	0.0105	37 30 34.2	4.780	0.574	80.2	153 157	37 1642
3649	8.9	55 11.94	4.1033	0.0110	38 27 20.2	4.784	0.579	87.5	500 501 638 647	38 1673
3650	8.5	55 13.91	4.0498	0.0103	36 58 38.8	4.786	0.572	81.2	396 410	37 1643

[1] Dpl. 5s praec. [2] Z. 503 506 617δ 619 638 647 [3] Dpl. austr. praec. [4] Z. 396 410 500 501 638 647
[5] Z. 123 135 617δ 619 658 [6] Z. 396 410 500 503 638 647 [7] Dpl. 15s med.; Z. 108 pr. 57s.87 34″.8 80.0

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3651	8.8	6ʰ 55ᵐ 26ˢ.75	+4ˢ.1489	−0ˢ.0117	+39° 40′ 25″.1	−4″.804	−0″.585	84.4	123 135 658	39° 1832
3652	9.5	55 29.73	4.1493	0.0117	39 41 12.9	4.809	0.585	87.7	503 506 638 647	39 1833
3653	6.6	55 40.21	4.0322	0.0102	36 29 37.3	4.824	0.569	84.4 86.6	139 148 617δ 619	36 1555
3654	8.5	55 41.36	3.9762	0.0095	34 51 45.2	4.825	0.561	80.1	112 131	34 1517
3655	7.2	55 48.56	4.0767	0.0108	37 44 40.1	4.835	0.575	85.5	405 510 655	37 1645
3656	8.9	6 55 49.57	+4.0495	−0.0105	+36 59 15.3	−4.837	−0.571	81.2	399 402	37 1646
3657	9.0	55 52.47	4.1404	0.0117	39 27 55.4	4.841	0.584	80.0	102 108	39 1835
3658	8.8	56 2.97	4.1289	0.0115	39 9 51.5	4.856	0.582	80.2	135 146 160	39 1837
3659	8.4	56 20.82	4.0062	0.0100	35 45 42.3	4.881	0.565	80.1	112 131	35 1544
3660	8.0	56 21.06	4.0417	0.0104	36 46 59.7	4.881	0.570	80.2	153 157	36 1557
3661	8.0	6 56 22.05	+4.0539	−0.0106	+37 7 39.9	−4.883	−0.572	81.2	399 402	37 1648
3662	9.1	56 22.80	4.1337	0.0117	39 18 10.0	4.884	0.582	80.2	146 160	39 1841
3663	8.7	56 23.05	4.0836	0.0110	37 57 9.2	4.884	0.576	81.2	396 410	37 1649
3664	7.7	56 25.50	4.0044	0.0100	35 42 49.4	4.888	0.564	80.1	139 148	35 1545
3665	9.1	56 28.06	4.1294	0.0116	39 11 29.6	4.890	0.582	84.4	123 135 658	39 1842
3666	9.0	6 56 31.35	+4.1158	−0.0114	+38 49 51.0	−4.896	−0.580	87.6	500 501 638 647	38 1677
3667	9.0	56 45.04	4.1174	0.0115	38 52 46.8	4.915	0.580	87.7	503 506 638 647	38 1679
3668	9.1	57 13.63	4.1584	0.0123	39 58 41.8	4.956	0.585	81.2	396 410	39 1846
3669	9.3	57 16.99	3.9922	0.0100	35 22 54.6	4.960	0.562	80.2	153 157	35 1547
3670	8.5	57 17.82	4.1610	0.0123	40 2 51.0	4.962	0.585	80.0	102 108	40 1788
3671	8.6	6 57 19.89	+4.1132	−0.0116	+38 47 11.6	−4.965	−0.579	85.5	405 501 655	38 1681
3672	9.1	57 30.31	4.1412	0.0120	39 32 13.2	4.979	0.583	84.4	123 135 658	39 1847
3673	8.4	57 30.69	4.0213	0.0103	36 14 1.8	4.980	0.566	80.2	153 157	36 1562
3674	6.8	57 33.60	4.0396	0.0107	36 45 36.5	4.984	0.569	80.1	139 148	36 1563
3675	8.6	57 38.02	4.0788	0.0112	37 51 31.1	4.990	0.574	85.2	394 408 660	37 1651
3676	8.8	6 57 39.14	+4.1374	−0.0121	+39 26 28.5	−4.992	−0.582	80.0	102 108	39 1848
3677	9.1	57 40.11	4.1002	0.0115	38 26 45.7	4.993	0.577	85.5	405 500 655[1]	38 1683
3678	8.8	57 45.66	4.0018	0.0102	35 40 40.3	5.001	0.563	80.1	112 131	35 1550
3679	9.1	57 47.36	4.1216	0.0118	39 1 29.0	5.003	0.580	80.2	146 160	39 1850
3680	8.7	57 50.57	4.1564	0.0124	39 56 45.1	5.008	0.585	81.2	396 410	39 1851
3681	9.4	6 58 1.32	+4.0757	−0.0113	+37 47 10.1	−5.023	−0.574	81.2	399 402	37 1653
3682	8.7[2]	58 8.69	4.0912	0.0115	38 12 54.8	5.033	0.576	80.2	146 160	38 1686
3683	9.4	58 16.02	4.0607	0.0112	37 22 28.1	5.044	0.571	87.7	501 503 638 647	37 1654
3684	8.8	58 18.87	4.0538	0.0110	37 10 58.8	5.048	0.570	85.5	405 500 655	37 1655
3685	8.7	58 24.69	4.0073	0.0104	35 51 22.6	5.056	0.563	80.1	112 131	35 1552
3686	7.9	6 58 24.84	+4.0864	−0.0115	+38 5 35.4	−5.056	−0.575	80.0	102 108	38 1687
3687	9.1	58 25.57	4.0461	0.0110	36 58 10.3	5.057	0.569	84.5 86.6	153 157 617δ 619	36 1564
3688	9.3	58 33.23	4.0616	0.0112	37 24 35.6	5.068	0.571	81.2	396 410	37 1657
3689	9.5	58 37.53	3.9733	0.0100	34 51 47.4	5.074	0.558	81.2	399 402	34 1526
3690	8.8	59 3.36	4.0020	0.0105	35 43 22.5	5.111	0.562	80.1	139 148	35 1554
3691	8.9	6 59 23.87	+4.1577	−0.0128	+40 1 44.8	−5.139	−0.584	86.6 87.9	5 Beob.[3]	40 1797
3692	9.4	59 28.16	3.9710	0.0101	34 49 7.1	5.146	0.558	88.8	131 620 639	34 1532
3693	8.2	59 31.28	4.1485	0.0127	39 47 35.3	5.150	0.582	84.4	123 135 658	39 1857
3694	9.1	59 35.34	4.1216	0.0123	39 4 59.6	5.156	0.579	87.9	5 Beob.[4]	39 1860
3695	9.4	59 39.57	4.1071	0.0121	38 41 45.9	5.162	0.577	85.5	500 501 661	38 1692
3696	8.3	6 59 42.58	+4.0127	−0.0108	+36 3 18.7	−5.166	−0.564	80.1	139 148	36 1567
3697	9.5	59 55.05	4.0271	0.0110	36 28 37.8	5.183	0.565	80.2	153 157	36 1568
3698	8.9	7 0 3.20	4.1376	0.0126	39 31 25.4	5.195	0.581	80.2	146 160	39 1864
3699	6.3	0 8.86	4.0680	0.0116	37 38 19.5	5.203	0.571	81.2	399 402	37 1660
3700	8.5	0 23.67	4.0708	0.0117	37 43 33.1	5.224	0.571	80.2	161 165	37 1661

[1] Dpl. austr. [2] Dpl. 8″ bor. seq.; Com. 8ᵐ.8 [3] Z. 102 108 617δ 661 664 [4] Z. 123 135 620 639 658

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3701	8.9[1]	7h 0m 29s.34	+4s.0132	−0s.0109	+36° 5′ 33″.9	−5″.232	−0″.563	80.1	115 119	36° 1569
3702	8.9	0 35.23	4.1402	0.0128	39 36 29.1	5.240	0.580	80.0	102 108	39 1871
3703	7.5	0 40.68	4.1100	0.0123	38 48 24.0	5.248	0.576	80.2	146 160	38 1693
3704	9.2	0 45.08	4.0853	0.0120	38 8 15.3	5.254	0.573	87.9	5 Beob. [2]	38 1694
3705	6.9	1 2.33	4.0357	0.0114	36 45 33.0	5.278	0.566	80.1	127 142	36 1571
3706	9.3	7 1 2.68	+4.0899	−0.0121	+38 16 30.7	−5.279	−0.573	81.2	396 410	38 1696
3707	9.0	1 6.96	4.1044	0.0124	38 40 12.2	5.285	0.575	81.1	373 376	38 1697
3708	9.0	1 20.68	4.1018	0.0124	38 36 28.2	5.304	0.575	85.5	405 500 655	38 1698
3709	8.8	1 27.33	4.1262	0.0128	39 16 6.6	5.313	0.578	80.0	102 108	39 1876
3710	8.9	1 38.10	4.0104	0.0111	36 3 1.7	5.328	0.563	80.1	127 142	36 1572
3711	9.2	7 1 41.86	+4.0605	−0.0118	+37 28 52.1	−5.334	−0.569	93.1	620 639	37 1665
3712	7.7	1 42.83	4.0911	0.0123	38 19 42.2	5.335	0.573	84.4	123[3] 135[3] 658[4]	38 1699
3713	8.8	1 45.16	3.9963	0.0110	35 38 29.0	5.338	0.559	80.1	115 119	35 1563
3714	8.6	1 46.01	4.0842	0.0122	38 8 26.8	5.340	0.572	80.2	146 160	38 1700
3715	8.8	1 48.98	4.0945	0.0124	38 25 35.5	5.344	0.573	81.1	373 376	38 1701
3716	8.6	7 2 5.54	+4.0639	−0.0120	+37 35 16.5	−5.367	−0.569	88.6	5 Beob. [5]	37 1668
3717	8.7	2 13.85	4.0168	0.0113	36 15 23.4	5.379	0.562	80.2	161 165	36 1574
3718	9.5	2 22.11	4.1041	0.0127	38 42 16.0	5.390	0.575	85.7	503 507 620	38 1702
3719	8.4	2 28.95	4.0357	0.0117	36 48 26.0	5.400	0.565	80.2	161 165	36 1576
3720	7.8	2 34.39	4.0600	0.0120	37 29 50.1	5.408	0.568	81.2	396 410	37 1670
3721	7.7	7 2 40.37	+4.0924	−0.0125	+38 23 45.8	−5.416	−0.572	81.7	379 510 511	38 1704
3722	8.8	2 41.90	4.1253	0.0130	39 17 8.9	5.418	0.577	80.0	102 108	39 1881
3723	9.0	2 43.45	4.0435	0.0119	37 2 14.5	5.420	0.566	85.5	405 503 655	37 1672
3724	8.6	2 50.04	4.1025	0.0127	38 40 37.0	5.430	0.574	80.7	135 373 376	38 1705
3725	8.8	2 58.00	4.0016	0.0113	35 50 15.0	5.441	0.559	80.1	115 119	35 1566
3726	9.0	7 3 2.01	+4.0114	−0.0115	+36 7 27.8	−5.446	−0.561	81.2	396 410	36 1580
3727	**5.0**	**3 3.32**	**4.1337**	**0.0133**	**39 31 19.5**	**5.448**	**0.578**		**Fund. Cat.**	**39 1882**
3728	9.3	3 3.51	3.9859	0.0111	35 22 43.7	5.448	0.557	81.1	373 376	35 1567
3729	9.0	3 3.60	4.1364	0.0133	39 35 28.9	5.449	0.578	89.9	123 658 661 664	39 1883
3730	9.2	3 5.73	4.0726	0.0124	37 51 58.7	5.452	0.569	88.6	5 Beob. [6]	37 1673
3731	8.4	7 3 9.21	+4.1426	−0.0135	+39 45 37.4	−5.457	−0.579	80.2	146 160	39 1884
3732	9.3	3 21.92	3.9856	0.0111	35 22 50.7	5.474	0.557	80.1	127 142	35 1568
3733	8.6	3 33.48	4.0951	0.0128	38 29 58.1	5.491	0.572	80.5	146 160 410	38 1708
3734	8.3	3 34.67	3.9876	0.0112	35 26 42.3	5.492	0.557	88.8	127; M 280 282	35 1569
3735	8.6	3 35.32	4.1019	0.0129	38 41 18.0	5.493	0.573	89.9	123 658 661 664	38 1709
3736	8.6	7 3 38.53	+3.9790	−0.0111	+35 11 30.9	−5.498	−0.556	86.6	115 119 620 639	35 1570
3737	8.9	3 43.11	4.1437	0.0136	39 48 28.0	5.504	0.579	80.0	102 108	39 1886
3738	7.3	3 57.56	4.0174	0.0118	36 19 53.9	5.524	0.561	85.5	405 503 655	36 1582
3739	8.8	4 7.22	4.0949	0.0129	38 30 59.4	5.538	0.572	89.2	396 661 664	38 1710
3740	8.7	4 9.23	3.9720	0.0111	35 0 0.9	5.541	0.554	80.2	161 165	35 1572
3741	8.2	7 4 21.23	+4.0357	−0.0121	+36 52 17.5	−5.557	−0.563	81.2	396 410	36 1583
3742	8.8	4 38.92	4.0275	0.0120	36 38 39.8	5.582	0.562	80.2	161 165	36 1584
3743	9.2	4 40.30	4.0693	0.0126	37 49 36.8	5.584	0.567	80.2	146 160	37 1678
3744	9.5	4 42.10	3.9670	0.0111	34 52 16.8	5.587	0.553	88.7	115 620 639	34 1557
3745	8.5	5 8.69	4.0011	0.0117	35 53 50.6	5.624	0.558	80.1	127 142	35 1576
3746	8.1	7 5 11.04	+4.0863	−0.0130	+38 18 58.0	−5.627	−0.570	80.0	102 108	38 1712
3747	9.1	5 19.36	4.1281	0.0137	39 27 5.9	5.639	0.576	87.9	5 Beob. [7]	39 1891
3748	8.8	5 31.49	3.9733	0.0114	35 5 14.0	5.656	0.553	80.1	115 119	35 1577
3749	8.9	5 31.95	4.1510	0.0142	40 3 50.3	5.656	0.578	80.0	102 108	40 1814
3750	9.2	5 39.87	4.0735	0.0129	37 58 49.9	5.668	0.567	81.2	396 410	38 1713

[1] Dpl. austr. praec. [2] Z. 123 135 620 639 658 [3] Obl. [4] Dpl. austr. [5] Z. 405 510 655 661 664
[6] Z. 405 507 620 639 655 [7] Z. 123 135 620 639 658

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3751	8.9	7h 5m 42s.33	+4s.1243	−0s.0138	+39° 21′ 57″.0	−5″.671	−0″.574	84.4	123 135 658	39° 1893
3752	7.5	5 50.12	3.9955	0.0118	35 45 22.7	5.682	0.557	80.1	127 142	35 1578
3753	8.8	6 1.03	4.1432	0.0141	39 52 44.0	5.697	0.577	80.2	146 160	39 1897
3754	8.9	6 6.08	4.1394	0.0141	39 46 52.0	5.704	0.576	85.5	405 503 655	39 1898
3755	9.1	6 32.11	4.0553	0.0129	37 30 7.8	5.741	0.564	80.0	102 108	37 1684
3756	8.4	7 6 57.79	+4.0697	−0.0132	+37 55 15.5	−5.776	−0.566	84.4	123 135 658	37 1688
3757	8.6	7 10.75	4.0275	0.0125	36 44 9.0	5.795	0.560	80.1	115 119	36 1590
3758	9.5	7 17.22	4.0457	0.0128	37 15 34.2	5.804	0.562	80.2	161 165	37 1689
3759	8.3	7 27.16	4.0364	0.0127	37 0 2.6	5.818	0.561	80.1	127 142	37 1691
3760	9.5	7 57.67	4.1016	0.0139	38 50 11.4	5.860	0.569	85.2	396 410 620	38 1718
3761	9.2	7 7 57.80	+4.1094	−0.0140	+39 2 53.4	−5.860	−0.570	80.0	102 108	39 1903
3762	8.5	8 10.88	3.9750	0.0119	35 13 58.2	5.878	0.552	80.1	115 119	35 1584
3763	8.7	8 18.25	4.1047	0.0140	38 55 57.6	5.889	0.569	93.1	620 639	38 1720
3764	8.7	8 21.25	4.0818	0.0137	38 18 26.8	5.893	0.566	84.4	123 135 658	38 1721
3765	8.4	8 23.47	4.0516	0.0132	37 27 54.9	5.896	0.562	80.1	127 142	37 1694
3766	8.6	7 8 23.61	+4.1053	−0.0140	+38 57 14.3	−5.896	−0.569	82.7	5 Beob. [1]	38 1722
3767	9.4	8 27.16	3.9843	0.0121	35 31 9.1	5.901	0.553	85.5	405 503 655	35 1586
3768	9.0	8 28.18	4.1048	0.0141	38 56 32.3	5.903	0.569	80.2	146 160	38 1723
3769	8.6	8 30.17	4.0421	0.0130	37 12 0.6	5.905	0.560	80.2	161 165	37 1695
3770	8.5	8 49.99	4.0681	0.0135	37 56 40.9	5.933	0.564	81.2	396 410	37 1696
3771	8.9	7 8 56.16	+4.0258	−0.0129	+36 45 0.0	−5.942	−0.558	80.2	161 165	36 1592
3772	7.5	9 0.29	4.0073	0.0126	36 13 1.0	5.947	0.556	88.5	5 Beob. [2]	36 1593
3773	6.6	9 10.34	4.1095	0.0143	39 5 47.3	5.961	0.569	80.0	102 108	39 1908
3774	8.7	9 13.73	3.9762	0.0121	35 18 26.7	5.966	0.551	80.1	127 142	35 1587
3775	9.3	9 16.37	3.9604	0.0119	34 49 51.7	5.970	0.549	88.9	115 661 664	34 1569
3776	8.6	7 9 20.91	+4.0253	−0.0130	+36 45 2.1	−5.976	−0.558	80.2	161 165	36 1594
3777	7.9	9 30.56	4.0903	0.0141	38 35 6.2	5.989	0.566	81.2	396 410	38 1726
3778	8.6	9 42.86	4.0189	0.0129	36 34 50.1	6.006	0.557	80.1	127 142	36 1595
3779	7.9	9 50.32	3.9710	0.0123	35 10 23.3	6.017	0.550	80.1	115 119	35 1588
3780	8.4	9 51.62	4.1034	0.0144	38 57 26.7	6.019	0.568	82.7	5 Beob. [1]	38 1728
3781	9.1	7 10 2.13	+4.0820	−0.0140	+38 22 40.2	−6.034	−0.565	85.5	405 503 655	38 1729
3782	8.8	10 7.10	4.1108	0.0145	39 10 6.6	6.040	0.569	80.0	102 108	39 1917
3783	9.3	10 10.93	4.0857	0.0141	38 29 3.5	6.046	0.565	81.2	396 410	38 1730
3784	6.7	10 21.19	4.1005	0.0144	38 53 47.1	6.060	0.567	80.2	146 160	38 1731
3785	8.7	10 33.16	4.0783	0.0141	38 17 48.5	6.077	0.564	80.0	102 108	38 1732
3786	7.2	7 10 44.80	+3.9768	−0.0125	+35 22 52.4	−6.093	−0.550	80.1	115 119	35 1593
3787	9.4	10 47.52	4.1439	0.0153	40 4 35.5	6.097	0.573	81.2	396 410	40 1832
3788	7.0	11 0.13	4.0283	0.0133	36 54 1.4	6.114	0.557	80.1	127 142	36 1597
3789	8.8	11 10.92	4.0555	0.0138	37 40 58.9	6.129	0.560	84.4	123 135 658	37 1702
3790	9.0	11 19.51	4.0072	0.0131	36 18 1.9	6.141	0.554	88.8	165 620 639	36 1598
3791	8.6	7 11 27.03	+4.0150	−0.0132	+36 31 56.8	−6.151	−0.555	80.1	115 119	36 1599
3792	9.0	12 12.37	4.0869	0.0146	38 35 56.8	6.214	0.564	88.7	108 620 639	38 1737
3793	9.4	12 41.83	4.0095	0.0133	36 25 21.7	6.255	0.553	80.1	127 142	36 1605
3794	8.4	12 43.20	4.1127	0.0152	39 19 17.9	6.257	0.567	84.4	123 135 658	39 1923
3795	9.5	12 57.30	4.1411	0.0158	40 5 21.3	6.276	0.571	92.3	6 Beob. [3]	40 1840
3796	6.7	7 13 4.62	+4.0605	−0.0144	+37 53 48.9	−6.287	−0.559	81.2	396 410	37 1706
3797	9.1	13 10.92	4.1009	0.0151	39 1 14.9	6.295	0.565	86.6	146 160 620 639	39 1925
3798	8.9	13 13.15	3.9885	0.0132	35 49 26.9	6.299	0.550	80.1	115 119	35 1594
3799	8.5	13 21.44	4.0781	0.0147	38 23 59.8	6.310	0.562	85.5	405 503 655	38 1740
3800	8.4	13 30.69	4.0044	0.0135	36 18 15.6	6.323	0.551	80.2	161 165	36 1608

[1] Z. 123 135 146 160 658 [2] Z. 405 510 620 639 655 [3] Z. 108 620; M 325 326; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3801	8.4	$7^h\ 13^m\ 34^s.12$	$+3^s.9650$	$-0^s.0129$	+35° 8′ 0″.5	$-6''.327$	$-0''.546$	80.1	127 142	35° 1596
3802	7.9	13 34.98	4.1135	0.0154	39 22 38.1	6.329	0.566	80.0	102 108	39 1926
3803	8.7	13 40.03	3.9581	0.0127	34 55 44.9	6.336	0.545	80.1	115 119	34 1585
3804	5.3	13 41.29	4.0279	0.0139	36 59 36.0	6.337	0.554	85.7	10 Beob. [1]	37 1707
3805	6.4	13 41.32	4.1079	0.0153	39 13 46.9	6.338	0.565	84.4	123 135 658	39 1927
3806	9.5	7 13 47.82	+4.0864	−0.0150	+38 38 56.1	−6.346	−0.562	81.2	396 410	38 1742
3807	9.2	13 54.02	4.0829	0.0150	38 33 23.9	6.355	0.561	80.2	146 160	38 1743
3808	8.5	14 7.69	4.0740	0.0148	38 19 2.0	6.374	0.561	80.2	146 160	38 1744
3809	8.7	14 14.93	4.1061	0.0154	39 12 22.9	6.384	0.565	84.4	123 135 658	39 1928
3810	9.2	14 30.43	4.0226	0.0140	36 52 26.1	6.405	0.553	80.2	161 165	36 1612
3811	9.0	7 14 37.87	+4.0192	−0.0140	+36 46 51.5	−6.416	−0.553	85.5	405 510 655	36 1613
3812	9.1	14 44.13	3.9575	0.0130	34 57 12.0	6.424	0.544	80.1	115 119	34 1591
3813	9.2	14 45.64	4.0160	0.0140	36 41 31.9	6.426	0.551	81.2	396 410	36 1616
3814	9.3	15 2.20	3.9547	0.0130	34 52 49.4	6.450	0.543	80.1	127 142	34 1593
3815	8.0	15 7.50	3.9720	0.0133	35 24 20.0	6.457	0.546	80.6	161 165 373 376	35 1600
3816	8.5	7 15 8.48	+3.9675	−0.0132	+35 16 9.2	−6.458	−0.545	85.5	405 503 655	35 1601
3817	8.8	15 11.71	4.0960	0.0155	38 58 9.3	6.462	0.562	80.0	102 108	39 1930
3818	9.1	15 13.46	3.9531	0.0130	34 50 22.2	6.465	0.543	80.1	127 142	34 1594
3819	9.4	15 14.78	3.9709	0.0133	35 22 47.0	6.467	0.545	81.2	396 410	35 1602
3820	9.6	15 21.66	4.0484	0.0146	37 38 51.9	6.476	0.556	87.1	373 376 620 639	37 1712
3821	8.7	7 15 22.40	+4.0704	−0.0151	+38 16 6.0	−6.477	−0.559	84.4	123 135 658	38 1747
3822	9.5	15 29.05	4.0926	0.0155	38 53 19.7	6.486	0.561	85.5	405 510 655	38 1748
3823	9.2	15 33.32	3.9882	0.0136	35 54 33.9	6.492	0.548	81.1	379 384	35 1603
3824	8.5	15 35.31	3.9822	0.0135	35 43 55.7	6.495	0.547	86.6	115 119 620 639	35 1604
3825	8.3	15 36.35	4.1102	0.0158	39 22 17.2	6.496	0.564	80.0	102 108	39 1932
3826	7.3	7 15 57.04	+4.0095	−0.0141	+36 33 2.8	−6.525	−0.550	80.2	161 165	36 1621
3827	8.8	16 9.73	4.0615	0.0151	38 3 4.5	6.542	0.557	80.2	146 160	38 1752
3828	9.5	16 29.20	4.0724	0.0154	38 22 10.6	6.569	0.558	86.6	146 160 620 639	38 1753
3829	9.5	16 35.98	3.9709	0.0135	35 25 59.5	6.579	0.544	81.2	396 410	35 1607
3830	9.2	16 38.50	4.1335	0.0165	40 2 33.3	6.582	0.567	80.0	102 108	40 1858
3831	9.1	7 16 48.75	+4.0821	−0.0156	+38 39 18.8	−6.596	−0.560	84.4	123 135 658	38 1756
3832	8.7	16 49.44	3.9518	0.0133	34 51 52.7	6.597	0.542	80.1	115 119	34 1603
3833	9.2	17 7.70	4.0324	0.0147	37 15 58.8	6.622	0.552	80.1	127 142	37 1714
3834	9.3	17 23.02	4.0307	0.0148	37 13 38.7	6.643	0.552	86.6	127 165 620 639	37 1715
3835	8.9	17 24.36	4.1168	0.0165	39 37 36.0	6.645	0.563	80.0	102 108	39 1935
3836	8.6	7 17 25.74	+3.9741	−0.0138	+35 33 54.2	−6.647	−0.544	80.1	115 119	35 1609
3837	8.1	17 43.06	4.0597	0.0154	38 4 0.4	6.671	0.556	80.2	146 160	38 1757
3838	9.3[2]	17 49.16	4.0931	0.0160	39 0 1.8	6.679	0.559	84.4	123 135 658	39 1938
3839	8.7	17 58.62	4.0311	0.0149	37 15 41.7	6.692	0.551	88.8	142 620 639	37 1717
3840	8.5	18 46.92	4.0985	0.0164	39 11 20.2	6.758	0.559	84.4	123 135 658	39 1944
3841	8.9	7 18 50.10	+3.9783	−0.0142	+35 44 58.0	−6.763	−0.543	80.1	115 119	35 1613
3842	7.4[3]	18 52.45	4.1121	0.0167	39 33 50.1	6.766	0.561	80.2	146 160	39 1945
3843	8.4	18 56.96	4.0504	0.0155	37 51 23.3	6.772	0.553	81.2	396 410	37 1718
3844	9.4	18 59.88	3.9702	0.0140	35 30 47.2	6.777	0.542	80.2	161 165	35 1614
3845	6.8	19 4.57	4.0880	0.0163	38 54 53.8	6.783	0.558	81.1	379 384	38 1760
3846	8.9	7 19 14.33	+4.1284	−0.0170	+40 1 5.2	−6.796	−0.564	80.0	102 108	40 1863
3847	9.5	19 16.55	3.9583	0.0139	35 9 44.1	6.799	0.540	88.6	5 Beob. [4]	35 1616
3848	9.4	19 20.57	3.9870	0.0144	36 1 48.9	6.805	0.544	81.2	396 410	36 1627
3849	9.1	19 21.94	4.0223	0.0150	37 4 14.7	6.807	0.549	80.6	127 142 373 376	37 1719
3850	8.7	19 23.58	4.1075	0.0167	39 27 42.5	6.809	0.560	84.4	123 135 658	39 1948

[1] Z. 373 376 379 384 661 664; M 71 79 280 282 [2] Z. 123 [7.3] [3] 8.2 6.5; BD 7.0 [4] Z. 405 503 655 661 664

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3851	8.5	$7^h\ 19^m\ 26^s.08$	$+3^s.9818$	$-0^s.0143$	+35° 52′ 50″.7	$-6''.812$	$-0''.543$	80.1	115 119	35° 1618
3852	9.1	19 31.09	4.1042	0.0167	39 22 41.7	6.819	0.559	80.0	102 108	39 1949
3853	8.5	19 33.88	4.0192	0.0150	36 59 19.4	6.823	0.548	81.1	373 376	37 1720
3854	9.3	19 46.50	3.9749	0.0143	35 41 14.4	6.840	0.542	86.6	127 142 620 639	35 1619
3855	8.4	19 49.91	4.0339	0.0154	37 25 37.3	6.845	0.550	85.5	405 510 655	37 1721
3856	8.2	7 20 1.19	+3.9630	−0.0141	+35 20 21.6	−6.861	−0.540	80.2	161 165	35 1621
3857	9.1	20 4.51	4.0411	0.0156	37 38 34.9	6.865	0.551	87.1	396 410 620 639	37 1722
3858	9.1[1]	20 12.25	3.9974	0.0148	36 22 34.5	6.876	0.545	87.2	405 655	36 1630
3859	9.3	20 16.49	4.0745	0.0163	38 35 36.6	6.882	0.555	80.2	153^a 160	38 1766
3860	8.2	20 21.49	4.1070	0.0169	39 29 28.5	6.888	0.559	81.1	379 384	39 1951
3861	8.9	7 20 34.02	+4.0986	−0.0168	+39 16 20.0	−6.906	−0.558	80.0	102 108	39 1952
3862	8.9	20 42.01	4.0926	0.0167	39 6 44.7	6.917	0.557	87.9	5 Beob.[2]	39 1953
3863	8.8	20 50.49	3.9704	0.0144	35 35 53.6	6.928	0.540	80.1	115 119	35 1622
3864	9.0	20 55.22	4.0573	0.0161	38 8 27.4	6.935	0.553	86.7	153^a 160 620 639	38 1769
3865	9.1	21 4.10	4.0242	0.0154	37 12 2.4	6.947	0.548	81.2	396 410	37 1724
3866	7.5	7 21 14.34	+3.9521	−0.0141	+35 3 25.3	−6.961	−0.538	80.1	127 142	35 1623
3867	7.4	21 16.84	3.9638	0.0144	35 25 7.1	6.964	0.540	80.2	161 165	35 1624
3868	8.1	21 23.24	4.0312	0.0156	37 24 55.7	6.973	0.548	80.1	127 142	37 1725
3869	8.8	21 29.77	4.1225	0.0175	39 57 43.4	6.982	0.561	80.0	102 108	40 1871
3870	7.3	21 30.19	4.0761	0.0166	38 41 41.1	6.982	0.554	85.5	405 510 655	38 1771
3871	8.4	7 21 35.59	+4.1081	−0.0172	+39 34 37.1	−6.990	−0.558	84.4	123 135 658	39 1955
3872	7.7	21 43.22	4.0662	0.0164	38 25 35.2	7.000	0.553	81.1	379 384	38 1773
3873	8.6	21 44.12	4.0774	0.0166	38 44 26.8	7.001	0.554	80.2	153^a 160	38 1772
3874	9.5	22 1.68	4.0248	0.0156	37 15 38.9	7.025	0.547	81.2	396 410	37 1728
3875	8.5	22 2.02	4.0170	0.0155	37 2 2.4	7.026	0.546	80.2	161 165	37 1729
3876	8.7	7 22 4.76	+3.9488	−0.0142	+34 59 37.6	−7.030	−0.537	80.1	115 119	35 1628
3877	8.2	22 27.49	4.0379	0.0160	37 39 27.6	7.061	0.549	82.7	5 Beob.[3]	37 1731
3878	9.4	22 52.40	4.0465	0.0163	37 55 15.9	7.095	0.549	80.2	161 165	37 1734
3879	6.4	23 26.34	4.0896	0.0173	39 9 24.9	7.141	0.554	84.4	123 135 658	39 1958
3880	8.8	23 29.67	4.0757	0.0170	38 46 30.2	7.145	0.552	80.2	153^a 160	38 1775
3881	9.4	7 23 42.43	+3.9959	−0.0154	+36 29 17.7	−7.163	−0.541	81.2	396 410	36 1638
3882	8.7	23 44.09	4.0995	0.0175	39 26 28.8	7.165	0.555	82.8 83.5	6 Beob.[4]	39 1960
3883	7.1	23 45.56	3.9749	0.0151	35 51 48.3	7.167	0.538	87.1	115 119 620 M 271	35 1635
3884	8.1	23 45.94	4.0062	0.0157	36 47 46.6	7.168	0.543	80.2	161 165	36 1639
3885	9.3	23 53.14	4.1169	0.0180	39 55 24.2	7.177	0.557	81.1	373 376	39 1961
3886	8.4	7 23 58.23	+3.9991	−0.0156	+36 25 39.7	−7.184	−0.541	81.1	379 384	36 1641
3887	8.7	24 8.39	3.9652	0.0150	35 35 17.3	7.198	0.537	80.1	127 142	35 :637
3888	8.5	24 11.56	4.0331	0.0163	37 35 55.9	7.203	0.546	85.5	405 510 655	37 1737
3889	9.3	24 12.05	3.9780	0.0152	35 58 38.7	7.203	0.538	81.2	396 410	36 1643
3890	8.5	24 15.19	4.0938	0.0175	39 18 41.8	7.207	0.554	81.1	373 376	39 1962
3891	8.7	7 24 18.94	+4.1230	−0.0181	+40 6 25.3	−7.213	−0.558	80.0	102 108	40 1881
3892	8.9	24 35.04	4.0605	0.0169	38 23 50.8	7.234	0.549	80.2	153^a 160	38 1779
3893	7.6	24 39.71	4.0218	0.0161	37 17 33.3	7.241	0.544	81.1	379 384	37 1738
3894	9.4	24 40.58	3.9469	0.0147	35 3 10.3	7.242	0.534	88.8	115 620 639	35 1640
3895	8.5	24 59.81	4.1065	0.0180	39 41 31.5	7.268	0.555	80.0	102 108	39 1966
3896	6.2	7 25 2.88	+4.0266	−0.0163	+37 27 6.8	−7.272	−0.544	81.1	373 376	37 1740
3897	9.0	25 3.23	4.1074	0.0180	39 43 16.2	7.273	0.555	84.4	123 135 658	39 1967
3898	8.4	25 3.63	4.0314	0.0164	37 35 30.3	7.273	0.545	85.5	405 510 655	37 1741
3899	8.2	25 4.40	3.9795	0.0154	36 3 48.6	7.274	0.538	80.2	161 165	36 1645
3900	9.5	25 11.36	4.1042	0.0179	39 38 26.7	7.284	0.554	87.1	396 410 620 639	39 1968

[1] Dpl. med.; Z. 503 austr. pr. $12^s.25$ $33''.1$ 82.0 [2] Z. 123 135 658 661 664 [3] Z. 102 108 123 135 658
[4] Z. 153^a *a* 160 405 503 655; M 65

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3901	8.6	7h 25m 19s.06	+3s.9680	−0s.0152	+35° 43′ 32″.7	−7″.294	−0″.536	80.1	127 142	35° 1641
3902	8.7	25 33.38	3.9851	0.0156	36 15 14.6	7.314	0.538	80.1	127 142	36 1646
3903	8.4	25 33.52	4.0793	0.0175	38 58 20.5	7.314	0.550	80.0	102 108	39 1971
3904	9.4	25 45.41	4.0560	0.0171	38 19 34.6	7.330	0.547	86.7	153a 160 620 639	38 1783
3905	8.3	25 54.80	4.0658	0.0174	38 36 42.9	7.343	0.548	84.4	123 135 658	38 1786
3906	8.7	7 26 6.54	+3.9611	−0.0152	+35 33 13.6	−7.359	−0.534	80.1	115 119	35 1644
3907	8.8	26 21.03	3.9618	0.0153	35 35 8.9	7.378	0.534	80.1	115 119	35 1646
3908	9.5	26 21.62	3.9736	0.0155	35 56 42.2	7.379	0.536	80.2	161 165	35 1647
3909	9.3	26 28.10	4.0647	0.0174	38 36 22.5	7.388	0.548	84.4	123 135 658	38 1787
3910	8.1	26 46.19	4.1142	0.0185	39 59 16.7	7.413	0.554	80.0	102 108	40 1894
3911	8.5	7 27 2.67	+3.9524	−0.0153	+35 19 47.5	−7.435	−0.532	80.1	127 142	35 1649
3912	8.6	27 25.12	4.0547	0.0175	38 22 18.6	7.465	0.546	87.9	5 Beob. [1]	38 1790
3913	9.3	27 26.40	4.0830	0.0180	39 10 1.7	7.467	0.549	88.8	108 620 639	39 1974
3914	8.3	27 36.77	3.9458	0.0153	35 9 18.6	7.481	0.531	80.1	115 119	35 1652
3915	8.7	27 53.58	4.0480	0.0174	38 12 13.2	7.504	0.544	80.2	153a 160	38 1791
3916	8.5	7 27 59.11	+3.9485	−0.0154	+35 15 22.7	−7.511	−0.531	80.1	127 142	35 1653
3917	9.3	28 8.47	3.9478	0.0154	35 14 26.7	7.524	0.530	80.2	161 165	35 1654
3918	9.1	28 10.05	4.0598	0.0177	38 33 11.1	7.526	0.545	81.2	396 410	38 1792
3919	8.1	28 17.33	3.9625	0.0157	35 41 49.9	7.536	0.532	80.2	115 161 165	35 1656
3920	8.9	28 24.92	3.9792	0.0161	36 12 36.5	7.545	0.535	88.5	5 Beob. [2]	36 1653
3921	8.6	7 28 28.65	+4.0457	−0.0175	+38 10 3.5	−7.551	−0.543	88.0	5 Beob. [3]	38 1794
3922	8.9	28 29.50	3.9611	0.0158	35 39 56.1	7.552	0.532	88.8	119 661 664	35 1657
3923	8.3	28 34.09	4.1131	0.0189	40 2 49.7	7.559	0.552	80.0	102 108	40 1902
3924	9.1	28 51.83	3.9560	0.0157	35 31 40.4	7.583	0.531	80.1	127 142	35 1658
3925	7.6	28 57.61	4.0795	0.0183	39 8 37.1	7.590	0.547	84.4	123 135 658	39 1978
3926	8.7	7 29 5.04	+4.0713	−0.0182	+38 55 5.8	−7.600	−0.546	81.2	396 410	38 1797
3927	7.0	29 20.09	4.0792	0.0184	39 9 19.4	7.621	0.547	80.0	102 108	39 1979
3928	8.6	29 35.23	4.0058	0.0169	37 3 38.2	7.641	0.537	80.1	115 119	37 1747
3929	6.8	29 41.96	4.0566	0.0180	38 32 12.4	7.650	0.544	84.4	123 135 658	38 1798
3930	5.9	30 20.46	3.9471	0.0158	35 19 35.4	7.702	0.528	83.5	9 Beob. [4]	35 1662
3931	8.3	7 30 20.47	+4.0581	−0.0182	+38 36 44.5	−7.702	−0.543	80.2	153a 160	38 1802
3932	8.7	30 55.19	3.9728	0.0165	36 8 33.1	7.749	0.531	80.1	115 119	36 1659
3933	8.6	30 57.57	4.0735	0.0186	39 4 38.4	7.752	0.544	80.2	154 158	39 1983
3934	5.6	31 0.16	3.9314	0.0157	34 52 7.3	7.755	0.525	84.9	9 Beob. [5]	34 1649
3935	9.5	31 2.96	4.1054	0.0194	39 57 54.6	7.759	0.548	80.1	132 149	40 1913
3936	9.0	7 31 9.79	+4.0104	−0.0173	+37 16 29.1	−7.768	−0.536	80.7	142 373 376	37 1750
3937	8.1	31 48.79	4.1083	0.0196	40 4 57.2	7.821	0.548	80.1	132 149	40 1916
3938	6.0	31 49.65	4.0560	0.0184	38 37 41.3	7.822	0.541	85.5	8 Beob. [6]	38 1803
3939	8.6	31 51.41	3.9857	0.0169	36 34 34.5	7.824	0.532	80.1	115 119	36 1662
3940	8.9	31 57.78	4.1077	0.0196	40 4 26.5	7.833	0.548	80.2	154 158	40 1918
3941	9.5	7 32 6.56	+4.1001	−0.0195	+39 52 33.2	−7.845	−0.547	87.1	373 376 648 662	39 1986
3942	8.8	32 19.31	4.1030	0.0196	39 57 56.4	7.862	0.547	80.2	166 170	39 1987
3943	8.3	32 31.15	3.9326	0.0159	34 58 57.1	7.878	0.524	80.1	115 119	35 1666
3944	9.2	32 41.48	4.0215	0.0179	37 40 52.1	7.891	0.536	80.2	154 158	37 1753
3945	7.9	32 44.38	4.0852	0.0192	39 29 53.5	7.895	0.544	80.1	132 149	39 1988
3946	9.2	7 33 9.35	+4.0226	−0.0180	+37 44 15.4	−7.929	−0.535	80.2	166 170	37 1755
3947	8.6	33 18.48	4.0463	0.0185	38 25 43.4	7.941	0.538	80.1	132 149	38 1806
3948	7.4	33 20.63	4.0216	0.0180	37 43 3.0	7.944	0.535	80.2	154 158	37 1756
3949	8.4	33 21.56	3.9324	0.0161	35 1 10.2	7.945	0.523	80.2	161 165	35 1669
3950	8.9	33 21.83	3.9338	0.0162	35 3 46.1	7.946	0.523	80.1	127 142	35 1668

[1] Z. 123 135 620 639 658 [2] Z. 405 503 620 639 655 [3] Z. 153a 160 661; M 280 282
[4] Z. 379 384 409 411 648 662; M 67 68 79 [5] Z. 379 384 409 411 648 662 664; M 69 71
[6] Z. 379 384 409 411 664; M 60 280 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3951	9.0	$7^h\ 33^m\ 48^s.27$	$+3^s.9559$	$-0^s.0167$	+35° 46′ 11″.3	−7″.981	−0″.526	80.1	115 119	35° 1670
3952	9.0	33 50.99	3.9638	0.0169	36 0 57.8	7.985	0.527	80.1	127 142	36 1667
3953	8.1	34 7.14	4.0093	0.0179	37 23 45.3	8.006	0.533	80.2	161 165	37 1759
3954	8.6	34 8.22	3.9992	0.0177	37 5 53.2	8.008	0.531	81.1	373 376	37 1760
3955	9.4	34 20.68	3.9776	0.0173	36 27 35.4	8.024	0.528	80.1	127 142	36 1669
3956	8.5	7 34 30.51	+3.9919	−0.0176	+36 53 58.1	−8.037	−0.530	80.1	115 119	36 1670
3957	8.8	34 41.28	4.0848	0.0198	39 35 17.8	8.052	0.542	80.1	132 149	39 1991
3958	8.8	34 41.76	4.0891	0.0199	39 42 31.3	8.052	0.542	80.2	154 158	39 1992
3959	9.2	34 45.50	4.0601	0.0192	38 54 2.9	8.057	0.538	80.2	166 170	38 1808
3960	9.6	35 15.84	3.9858	0.0176	36 45 27.0	8.098	0.528	80.2	161 165	36 1672
3961	9.4	7 35 39.03	+3.9712	−0.0174	+36 20 8.9	−8.129	−0.526	80.2	161 165	36 1673
3962	7.4	35 42.83	4.0666	0.0196	39 7 57.6	8.134	0.539	80.1	132 149	39 1996
3963	9.0	35 53.42	4.0615	0.0195	38 59 54.4	8.148	0.537	80.2	154 158	39 1997
3964	8.9	36 14.91	3.9919	0.0180	36 59 30.4	8.177	0.528	80.1	127 142	37 1766
3965	9.2	36 18.37	3.9419	0.0169	35 28 8.4	8.181	0.521	88.8	115 648 662	35 1674
3966	7.0	7 36 26.18	+4.0917	−0.0203	+39 52 30.6	−8.192	−0.541	80.1	132 149	39 1998
3967	8.1	36 27.69	3.9637	0.0174	36 8 57.8	8.194	0.524	80.1	115 119	36 1675
3968	9.0	36 36.45	4.0244	0.0188	37 58 16.6	8.205	0.532	80.2	166 170	38 1811
3969	8.7	37 2.21	4.0597	0.0197	39 0 44.5	8.240	0.536	80.2	154 158	39 2000
3970	7.6	37 13.32	4.0891	0.0204	39 50 44.8	8.254	0.540	80.1	132 149	39 2001
3971	8.5	7 37 24.42	+4.0220	−0.0189	+37 56 49.3	−8.269	−0.531	80.2	166 170	38 1813
3972	8.1	37 32.99	3.9202	0.0167	34 51 14.8	8.280	0.517	80.1	115 119	34 1669
3973	8.3	37 41.84	3.9657	0.0177	36 16 32.9	8.292	0.523	80.1	127 142	36 1677
3974	8.9	37 46.98	4.0417	0.0194	38 32 17.9	8.299	0.533	80.2	154 158	38 1814
3975	8.1	38 14.29	4.0420	0.0196	38 34 23.0	8.335	0.532	80.1	132 149	38 1815
3976	5.6	7 38 18.61	+4.0160	−0.0189	+37 49 5.2	−8.341	−0.529	84.9	9 Beob.[1]	37 1769
3977	9.6	38 50.63	3.9735	0.0181	36 34 36.8	8.384	0.523	80.2	161 165	36 1678
3978	7.6	38 55.21	3.9310	0.0172	35 15 54.0	8.390	0.517	80.1	127 142	35 1679
3979	8.9	38 56.49	3.9335	0.0173	35 20 44.1	8.391	0.517	80.1	115 119	35 1680
3980	9.3	39 20.70	3.9329	0.0173	35 20 53.3	8.423	0.517	80.1	115 119	35 1682
3981	8.8	7 39 21.12	+4.0876	−0.0209	+39 55 28.2	−8.424	−0.538	80.1	132 149	39 2006
3982	8.7	39 30.20	4.0103	0.0191	37 43 9.9	8.436	0.527	80.2	154 158	37 1772
3983	8.7	39 59.66	3.9715	0.0183	36 34 53.3	8.475	0.521	86.6	127 142 648 662	36 1685
3984	9.4	40 1.74	4.0795	0.0209	39 44 20.4	8.478	0.536	80.2	154 158	39 2007
3985	7.8	40 11.31	3.9833	0.0186	36 57 2.0	8.490	0.523	80.2	161 165	36 1686
3986	8.6	7 40 14.64	+3.9824	−0.0186	+36 55 27.0	−8.495	−0.522	80.2	161 165	36 1687
3987	9.0	40 15.26	3.9853	0.0187	37 0 53.8	8.495	0.523	81.1	373 376 379 384	37 1775
3988	8.6	40 16.18	4.0738	0.0208	39 35 33.3	8.497	0.535	80.1	132 149	39 2009
3989	9.3	41 1.33	4.0623	0.0207	39 18 43.7	8.556	0.532	80.2	166 170	39 2012
3990	9.1	41 2.85	4.0762	0.0210	39 42 17.1	8.558	0.534	80.2	154 158	39 2011
3991	8.4	7 41 3.31	+3.9978	−0.0191	+37 26 5.5	−8.559	−0.523	80.1	127 142	37 1778
3992	9.3	41 11.62	3.9628	0.0183	36 22 51.6	8.570	0.519	80.1	115 119	36 1689
3993	8.4	41 14.03	4.0147	0.0196	37 56 47.0	8.573	0.526	81.1	373 376	37 1779
3994	7.8	41 22.43	4.0276	0.0199	38 19 54.5	8.584	0.528	80.2	154 158	38 1820
3995	7.2	41 44.52	4.0883	0.0215	40 4 55.5	8.613	0.535	80.1	132 149	40 1949
3996	8.5	7 42 17.45	+4.0432	−0.0206	+38 50 22.9	−8.657	−0.528	80.2	166 170	38 1822
3997	8.7	42 23.09	4.0453	0.0206	38 54 11.5	8.664	0.528	80.2	154 158	38 1823
3998	7.8	42 47.96	3.9974	0.0195	37 31 31.2	8.697	0.521	80.2	161 165	37 1781
3999	8.4	42 49.67	3.9838	0.0191	37 6 54.3	8.699	0.520	80.1	127 142	37 1782
4000	8.8	42 54.31	4.0523	0.0209	39 8 8.2	8.705	0.529	80.1	132 149	39 2017

[1] Z. 161 165 379 384 409 411 648 662 664

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4001	6.5	$7^h\ 42^m\ 57^s.88$	$+3^s.9929$	$-0^s.0194$	+37° 23' 47".6	$-8''.710$	$-0''.521$	81.1	373 376	37° 1784
4002	8.7	43 6.10	3.9251	0.0179	35 18 44.3	8.721	0.512	86.6	115 119 648 662	35 1692
4003	8.5	43 25.17	4.0162	0.0201	38 7 6.1	8.746	0.524	80.2	154 158	38 1826
4004	9.4	43 38.89	3.9517	0.0186	36 10 48.7	8.764	0.515	81.1	373 376	36 1694
4005	6.9	43 54.95	3.9611	0.0188	36 29 11.1	8.785	0.516	80.1	127 142	36 1696
4006	7.3	7 44 1.13	+3.9642	−0.0189	+36 35 14.1	−8.793	−0.516	80.2	161 165	36 1697
4007	9.1	44 2.89	3.9224	0.0180	35 16 58.4	8.795	0.511	80.1	115 119	35 1696
4008	7.8	44 12.71	4.0749	0.0217	39 51 21.8	8.808	0.530	80.1	132 149	39 2018
4009	9.2	44 31.18	3.9200	0.0180	35 13 59.9	8.832	0.509	80.1	115 119	35 1698
4010	9.3	44 43.00	4.0535	0.0213	39 16 41.6	8.847	0.527	80.2	154 158	39 2020
4011	9.4	7 44 48.24	+3.9771	−0.0194	+37 1 43.6	−8.854	−0.516	80.1	127 142	37 1789
4012	8.7	44 50.24	4.0788	0.0220	40 0 1.6	8.857	0.530	80.1	132 149	40 1956
4013	7.6	44 57.36	4.0715	0.0218	39 48 8.7	8.866	0.529	80.2	166 170	39 2022
4014	8.8	45 4.75	4.0041	0.0201	37 51 29.1	8.876	0.519	80.2	161 165	37 1790
4015	9.4	45 5.62	4.0555	0.0215	39 21 24.8	8.877	0.526	87.1	373 376 648 662	39 2023
4016	8.4	7 45 24.47	+3.9747	−0.0195	+36 59 32.4	−8.902	−0.515	80.1	127 142	37 1792
4017	8.7	45 27.65	4.0722	0.0220	39 51 11.1	8.906	0.528	86.6	132 149 648 662	39 2026
4018	8.0	45 29.20	4.0371	0.0211	38 51 4.8	8.908	0.524	80.2	154 158	38 1832
4019	7.3	45 55.90	3.9760	0.0196	37 3 47.8	8.943	0.515	80.2	161 165	37 1795
4020	9.3	46 3.65	3.9937	0.0201	37 36 19.0	8.953	0.517	81.1	373 376	37 1796
4021	8.7	7 46 12.16	+3.9124	−0.0182	+35 5 11.0	−8.964	−0.506	86.6	115 119 648 662	35 1702
4022	8.4	46 19.16	4.0207	0.0208	38 25 25.8	8.973	0.520	80.2	166 170	38 1834
4023	7.8	46 31.26	4.0764	0.0223	40 2 17.6	8.989	0.527	80.1	132 149	40 1958
4024	8.5	46 34.17	4.0116	0.0207	38 10 10.5	8.993	0.519	80.2	154 158	38 1835
4025	9.2	46 37.15	3.9321	0.0187	35 44 26.8	8.997	0.509	80.2	161 165	35 1703
4026	9.2	7 46 37.81	+3.9221	−0.0185	+35 25 20.6	−8.997	−0.507	80.1	127 142	35 1704
4027	9.5	46 40.37	4.0418	0.0215	39 3 42.8	9.001	0.523	80.2	166 170	39 2029
4028	7.5	46 42.75	3.9071	0.0182	34 56 54.8	9.004	0.505	89.4[1]	7 Beob.[2]	34 1705
4029	8.2	46 54.18	3.9892	0.0201	37 31 12.5	9.019	0.515	81.1	379 384	37 1799
4030	7.4	46 57.42	4.0232	0.0210	38 32 6.0	9.023	0.520	81.1	373 376	38 1836
4031	8.4	7 47 14.52	+3.9814	−0.0200	+37 18 23.0	−9.045	−0.514	81.1	379 384	37 1800
4032	9.4	47 16.71	4.0189	0.0210	38 25 46.4	9.048	0.519	80.2	166 170	38 1838
4033	9.5	47 22.28	3.9403	0.0190	36 2 32.1	9.055	0.509	81.2	409 411	36 1710
4034	7.9	47 22.82	3.9655	0.0196	36 49 38.6	9.056	0.512	81.1	373 376	36 1711
4035	8.2	47 25.16	3.9481	0.0193	36 17 21.0	9.059	0.510	81.2	379 409 411	36 1712
4036	7.5	7 47 29.14	+4.0593	−0.0221	+39 36 45.7	−9.064	−0.524	80.1	132 149	39 2031
4037	8.5	47 30.37	4.0168	0.0210	38 22 47.9	9.066	0.518	80.2	154 158	38 1839
4038	6.0	47 31.73	3.9304	0.0188	35 44 21.3	9.068	0.507	80.1	127 142	35 1705
4039	8.8	47 36.71	3.9480	0.0193	36 17 56.3	9.074	0.510	89.2	384 648 662	36 1714
4040	9.5	47 39.96	3.9183	0.0186	35 21 48.6	9.078	0.505	81.1	373 376	35 1708
4041	9.2	7 47 45.11	+3.9132	−0.0185	+35 12 25.9	−9.085	−0.505	80.2	161 165	35 1709
4042	8.9	47 48.72	3.9035	0.0183	34 53 53.3	9.090	0.503	80.1	115 119	34 1709
4043	8.7	48 17.83	3.9931	0.0206	37 43 25.6	9.128	0.514	81.2	409 411	37 1803
4044	7.8	48 29.37	3.9763	0.0202	37 13 32.7	9.143	0.512	81.1	373 376	37 1804
4045	7.2	48 29.56	3.9648	0.0198	36 52 23.0	9.143	0.511	80.1	127 142	36 1717
4046	8.7	7 48 36.36	+3.9112	−0.0186	+35 11 37.5	−9.152	−0.504	80.1	115 119	35 1713
4047	8.5	48 44.27	3.9946	0.0207	37 47 38.3	9.162	0.514	80.1	132 149	37 1805
4048	8.9	48 47.70	3.9576	0.0197	36 40 9.5	9.166	0.509	80.2	161 165	36 1720
4049	9.5	49 26.89	4.0577	0.0225	39 41 27.5	9.217	0.522	80.2	154 158 166 170	39 2034
4050	9.2	49 27.70	4.0353	0.0219	39 2 43.4	9.218	0.519	80.1	132 149	39 2035

[1] E.B. $-0^s.009$ $-0''.18$ (Porter) [2] Z. 115 119 648 662; M 279 280 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4051	8.5	7ʰ 49ᵐ 44ˢ.69	+4ˢ.0392	−0ˢ.0221	+39° 10′ 32″.8	−9″.240	−0″.519	80.2	154 158	39° 2037
4052	8.8	49 46.81	3.9840	0.0206	37 32 24.3	9.243	0.511	80.2	161 165	37 1807
4053	9.5	49 51.35	3.9214	0.0192	35 35 46.2	9.249	0.504	88.8	115 648[1] 662	35 1716
4054	9.5	50 0.01	3.9076	0.0188	35 9 40.2	9.260	0.501	81.2	409 411	35 1718
4055	8.9	50 1.84	4.0355	0.0221	39 5 11.3	9.262	0.518	80.2	166 170	39 2039
4056	9.3	7 50 10.19	+3.9784	−0.0206	+37 23 40.4	−9.273	−0.510	81.1	373 376	37 1810
4057	8.6	50 11.76	3.9107	0.0189	35 16 19.8	9.275	0.502	80.1	127 142	35 1720
4058	8.5	50 25.67	4.0587	0.0228	39 46 55.3	9.293	0.520	80.2	154 158	39 2040
4059	9.4	50 32.63	4.0654	0.0230	39 58 50.4	9.302	0.521	80.1	132 149	40 1971
4060	8.6	50 44.76	3.9942	0.0211	37 54 35.3	9.318	0.512	80.2	161 165	37 1812
4061	9.2	7 50 56.67	+4.0176	−0.0218	+38 37 16.3	−9.333	−0.515	80.2	166 170	38 1845
4062	9.4	50 58.23	3.9603	0.0203	36 53 17.0	9.335	0.507	80.1	127 142	36 1723
4063	8.3	51 18.92	3.9775	0.0208	37 26 24.8	9.362	0.509	81.1	373 376	37 1813
4064	7.4	51 19.14	3.9006	0.0189	35 0 57.6	9.362	0.499	80.1	115 119	35 1722
4065	9.2	51 39.58	4.0279	0.0222	38 58 12.3	9.389	0.515	80.1	132 149	39 2042
4066	6.5	7 51 40.32	+3.9438	−0.0200	+36 25 9.3	−9.390	−0.504	86.6	115 119 648 662	36 1726
4067	8.6	51 41.39	3.9505	0.0202	36 37 39.3	9.391	0.505	80.1	127 142	36 1725
4068	9.0	52 23.54	3.9276	0.0197	35 57 9.2	9.445	0.501	86.6	115 119 648 662	35 1727
4069	8.7	52 42.77	4.0510	0.0231	39 42 37.1	9.470	0.516	80.2	154 158	39 2043
4070	8.7	53 14.80	4.0584	0.0234	39 57 29.3	9.511	0.517	80.1	132 149	40 1983
4071	8.5	7 53 15.46	+4.0284	−0.0226	+39 5 23.3	−9.512	−0.513	80.2	154 158	39 2046
4072	8.9	53 28.04	3.8954	0.0192	34 58 58.0	9.528	0.496	80.1	115 119	35 1728
4073	6.7	53 47.30	3.9187	0.0198	35 45 20.7	9.553	0.498	80.1	127 142	35 1731
4074	8.4	54 11.61	3.9328	0.0202	36 14 0.3	9.584	0.500	80.2	161 165	36 1731
4075	9.0	54 28.34	3.9404	0.0205	36 29 32.3	9.605	0.500	80.1	127 142	36 1732
4076	8 6	7 54 40.95	+3.9380	−0.0205	+36 25 50.5	−9.622	−0.500	80.1	115 119	36 1733
4077	8.6	55 2.90	3.9786	0.0216	37 42 56.6	9.650	0.504	80.1	132 149	37 1818
4078	9.4	55 3.12	3.9423	0.0206	36 35 17.0	9.650	0.500	80.2	161 165	36 1734
4079	6.9	55 12.20	3.9707	0.0215	37 29 1.0	9.661	0.503	80.2	166 170	37 1819
4080	9.2	55 25.58	4.0040	0.0223	38 30 40.9	9.679	0.507	80.2	154 158	38 1853
4081	6.9	7 55 28.73	+3.9447	−0.0208	+36 41 33.1	−9.683	−0.500	80.2	161 165	36 1735
4082	8.2	55 40.55	4.0195	0.0229	38 59 17.8	9.698	0.509	80.2	154 158	39 2048
4083	8.5	55 45.93	3.9151	0.0201	35 46 8.8	9.705	0.495	80.1	115 119	35 1741
4084	8.9	55 55.98	4.0236	0.0231	39 7 35.1	9.717	0.509	80.2	166 170	39 2049
4085	9.2	56 13.55	3.9207	0.0203	35 58 45.6	9.740	0.495	80.2	161 165	36 1738
4086	7.0	7 56 15.55	+4.0560	−0.0240	+40 5 27.1	−9.742	−0.512	80.1	132 149	40 1989
4087	9.3	56 20.93	3.8911	0.0196	35 1 34.9	9.749	0.492	80.1	127 142	35 1742
4088	8.6	56 32.28	3.8958	0.0198	35 11 29.6	9.764	0.492	80.1	115 119	35 1744
4089	8.6	56 35.84	4.0202	0.0231	39 4 21.8	9.768	0.507	80.1	132 149	39 2052
4090	8.9	56 46.88	3.9538	0.0213	37 3 52.4	9.782	0.499	80.1	127 142	37 1821
4091	8.9	7 57 41.90	+3.9574	−0.0216	+37 14 17.6	−9.852	−0.498	81.1	373 376	37 1822
4092	8.9	57 46.32	3.8858	0.0198	34 56 43.1	9.858	0.490	80.1	115 119	34 1741
4093	7.5	57 51.82	3.9376	0.0211	36 37 37.1	9.865	0.496	81.1	379 384	36 1740
4094	8.9	57 56.08	3.9835	0.0224	38 3 31.8	9.870	0.501	80.2	154 158	38 1857
4095	9.0	58 4.76	3.8874	0.0198	35 1 1.0	9.881	0.490	80.1	127 142	35 1749
4096	8.7	7 58 10.07	+4.0269	−0.0236	+39 22 44.0	−9.888	−0.506	80.1	132 149	39 2056
4097	9.1	58 16.96	3.8903	0.0200	35 7 37.7	9.897	0.490	80.2	161 165	35 1751
4098	8.8	58 16.98	3.9459	0.0215	36 55 12.9	9.897	0.496	81.1	373 376	36 1741
4099	8.8	58 29.24	3.8898	0.0200	35 7 24.8	9.912	0.490	80.1	115 119	35 1752
4100	9.3	58 34.65	4.0169	0.0235	39 6 28.9	9.919	0.505	80.2	154 158	39 2057

[1] Obl.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4101	9.4	$7^h\ 58^m\ 40^s.54$	$+3^s.9268$	$-0^s.0210$	+36° 20′ 20″.0	$-9^{\prime\prime}.926$	$-0^{\prime\prime}.493$	80.2	161 165	36° 1742
4102	7.9	58 51.73	3.8892	0.0200	35 7 50.9	9.941	0.489	80.1	127 142	35 1754
4103	9.0	59 12.08	4.0468	0.0245	40 1 54.8	9.967	0.507	80.1	132 149	40 1994
4104	8.9	59 16.01	4.0221	0.0238	39 18 51.8	9.972	0.504	80.2	166 170	39 2058
4105	7.0	59 29.48	4.0090	0.0236	38 56 19.9	9.989	0.503	80.1	132 149	38 1861
4106	9.0	7 59 34.56	+3.9718	−0.0226	+37 49 0.9	− 9.995	−0.498	81.1	373 376	37 1824
4107	8.5	59 37.25	3.9138	0.0208	35 58 59.9	9.998	0.491	80.1	115 119	36 1745
4108	8.0	59 38.66	3.9330	0.0213	36 36 7.2	10.000	0.493	80.2	161 165	36 1746
4109	8.6	59 43.65	3.9882	0.0230	38 19 50.4	10.006	0.500	80.2	154 158	38 1863
4110	9.0	59 46.89	3.9185	0.0210	36 8 49.7	10.011	0.491	81.2	409 411	36 1747
4111	9.4	7 59 53.07	+3.9417	−0.0216	+36 53 47.4	−10.018	−0.494	81.1	373 376	36 1750
4112	8.4	59 54.18	3.9260	0.0212	36 23 54.5	10.020	0.492	81.1	379 384	36 1749
4113	6.8	8 0 0.03	4.0059	0.0235	38 53 2.0	10.027	0.502	80.2	166 170	38 1865
4114	6.5	0 5.40	3.9841	0.0229	38 13 37.0	10.034	0.499	81.1	379 384	38 1866
4115	9.0	0 27.93	3.9023	0.0207	35 40 13.6	10.062	0.488	80.1	127 142	35 1760
4116	8.4	8 0 35.85	+3.9621	−0.0224	+37 35 14.1	−10.072	−0.495	80.2	166 170	37 1825
4117	8.9	0 42.91	3.8891	0.0204	35 15 4.6	10.081	0.486	80.1	109 124	35 1761
4118	8.7	0 55.97	3.9617	0.0224	37 35 46.0	10.098	0.495	80.2	181 185	37 1827
4119	8.7	1 8.50	3.9721	0.0228	37 56 7.9	10.113	0.496	89.2	407 640 649	37 1828
4120	8.9	1 9.26	3.9821	0.0231	38 14 30.7	10.114	0.497	80.1	132 149	38 1869
4121	8.2	8 1 9.94	+3.9818	−0.0231	+38 14 5.7	−10.115	−0.497	80.2	154 158	38 1870
4122	8.7	1 22.75	4.0023	0.0237	38 52 18.7	10.131	0.499	81.2	409 411	38 1871
4123	8.9	1 29.62	4.0212	0.0243	39 26 55.7	10.140	0.501	80.1	132 149	39 2062
4124	7.5	1 32.37	3.9122	0.0212	36 3 59.6	10.144	0.488	80.2	151 178	36 1752
4125	8.3	1 42.09	3.9024	0.0209	35 45 27.3	10.156	0.486	80.1	109 124	35 1765
4126	9.4	8 1 49.04	+3.9291	−0.0216	+36 37 48.2	−10.165	−0.490	89.2	407 640 649	36 1754
4127	6.7	2 3.39	3.9037	0.0210	35 49 34.5	10.183	0.486	90.3[1]	9 Beob.[2]	35 1767
4128	9.1	2 7.09	3.9970	0.0237	38 45 55.7	10.187	0.498	80.2	154 158	38 1872
4129	9.2	2 13.36	3.8897	0.0207	35 22 35.9	10.195	0.484	80.2	181 185	35 1768
4130	8.3	2 17.84	3.9623	0.0226	37 42 49.7	10.202	0.493	80.2	166 170	37 1831
4131	8.4	8 2 23.71	+3.9953	−0.0237	+38 44 5.7	−10.208	−0.497	80.2	154 158	38 1874
4132	8.4	2 24.83	3.8863	0.0206	35 16 41.7	10.209	0.483	80.2	181 185	35 1769
4133	8.8	2 34.98	3.9391	0.0221	37 0 11.8	10.222	0.490	81.2	409 411	37 1832
4134	8.6	2 44.26	3.9162	0.0215	36 16 41.6	10.234	0.487	81.2	397 407	36 1757
4135	8.7	2 47.90	3.8795	0.0205	35 4 34.6	10.238	0.482	80.1	109 124	35 1771
4136	9.1	8 2 49.64	+3.8889	−0.0207	+35 23 28.4	−10.241	−0.483	80.2	151 178	35 1770
4137	6.9	3 4.06	4.0059	0.0242	39 6 2.8	10.259	0.498	80.1	132 149	39 2065
4138	8.9	3 14.41	3.9854	0.0236	38 29 30.2	10.272	0.495	80.2	166 170	38 1876
4139	8.5	3 16.40	3.9424	0.0223	37 9 27.3	10.274	0.489	80.2	151 178	37 1834
4140	8.2	3 53.75	3.8958	0.0211	35 41 44.5	10.321	0.483	80.1	109 124	35 1776
4141	9.5	8 3 54.48	+4.0364	−0.0253	+40 4 9.0	−10.322	−0.500	84.5	166 170 649	40 2008
4142	8.8	4 6.59	3.9862	0.0238	38 34 52.9	10.337	0.494	80.1	132 149	38 1878
4143	8.5	4 12.51	3.9939	0.0241	38 49 20.4	10.344	0.495	80.2	154 158	38 1879
4144	7.8	4 32.76	4.0272	0.0251	39 50 40.4	10.370	0.498	80.1	132 149	39 2068
4145	8.2	4 35.08	3.8680	0.0205	34 48 58.3	10.372	0.478	80.1	109 124	34 1772
4146	9.5	8 4 55.30	+3.9442	−0.0227	+37 20 4.4	−10.398	−0.487	81.2	409 411	37 1838
4147	8.7	5 3.84	3.9050	0.0216	36 4 54.1	10.408	0.482	80.2	181 185	36 1763
4148	8.3	5 15.58	3.9508	0.0230	37 33 54.1	10.423	0.488	80.2	154 158	37 1839
4149	8.4	5 18.42	3.8711	0.0207	34 58 25.6	10.427	0.477	80.2	151 178	35 1777
4150	8.6	5 38.71	4.0099	0.0249	39 24 45.1	10.452	0.495	80.1	132 149	39 2074

[1] E.B. $+0^s.021$ $-0^{\prime\prime}.25$ (Porter) [2] Z. 151 178 640 649; M 276 277 279 280 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4151	8.8	8h 5m 39s.92	+4s.0249	−0s.0253	+39° 51′ 37″.8	−10″.453	−0″.496	86.7	154 158 640 649	39° 2075
4152	8.3	5 56.62	3.9671	0.0236	38 7 40.7	10.474	0.489	81.2	397 407	38 1881
4153	8.5	5 58.05	3.9734	0.0238	38 19 27.4	10.476	0.490	81.2	409 411	38 1882
4154	8.3	6 9.58	3.8885	0.0213	35 36 57.6	10.490	0.479	80.1	109 124	35 1781
4155	9.3	6 10.73	4.0194	0.0253	39 44 10.3	10.492	0.495	80.2	166 170	39 2077
4156	8.6	8 6 13.80	+3.9893	−0.0243	+38 50 0.4	−10.495	−0.491	80.2	166 170	38 1884
4157	9.5	6 17.44	3.8668	0.0208	34 53 56.1	10.500	0.476	87.2	409 411 640 649	34 1780
4158	8.7	6 34.40	3.8936	0.0216	35 48 55.4	10.521	0.479	80.1	109 124	35 1784
4159	8.1	6 40.03	3.9257	0.0225	36 52 20.8	10.528	0.483	80.2	151 178	36 1769
4160	9.3	6 43.80	3.9245	0.0225	36 50 11.8	10.533	0.483	80.2	151 178	36 1770
4161	9.1	8 6 59.05	+3.9698	−0.0240	+38 17 27.0	−10.552	−0.488	80.1	132 149	38 1885
4162	9.4	7 23.87	3.9560	0.0236	37 53 26.8	10.582	0.486	84.5	166 170 640	37 1840
4163	9.2	7 36.39	3.9186	0.0225	36 42 39.1	10.598	0.481	80.2	181 185	36 1774
4164	8.4[1]	7 37.68	3.9867	0.0246	38 51 32.6	10.599	0.489	93.2	640 649	38 1889
4165	8.7	7 41.23	3.9996	0.0250	39 15 32.1	10.604	0.491	80.1	132 149	39 2080
4166	8.3	8 7 42.28	+3.9063	−0.0222	+36 19 4.6	−10.605	−0.479	80.2	181 185	36 1775
4167	8.6	7 48.17	3.9523	0.0236	37 48 11.3	10.613	0.485	80.2	154 158	37 1841
4168	9.2	8 10.09	3.8875	0.0217	35 43 49.3	10.640	0.476	80.1	109 124	35 1787
4169	7.9	8 21.22	3.8931	0.0219	35 55 56.2	10.653	0.476	80.2	151 178	35 1789
4170	8.7	8 21.67	3.9465	0.0235	37 39 42.6	10.654	0.483	80.1	132 149	37 1843
4171	8.7	8 8 25.65	+3.8915	−0.0219	+35 52 56.6	−10.659	−0.476	80.2	151 178	35 1790
4172	9.5	8 30.22	3.9248	0.0229	36 58 39.0	10.664	0.480	80.2	181 185	37 1844
4173	8.9	9 26.34	3.9440	0.0237	37 39 59.5	10.734	0.481	80.2	154 158	37 1846
4174	8.2	9 34.43	3.9622	0.0243	38 15 6.1	10.744	0.484	80.2	166 170	38 1891
4175	7.8	9 38.51	3.9923	0.0253	39 11 5.5	10.749	0.487	86.6	132 149 640 649	39 2082
4176	7.0	8 9 45.62	+3.8954	−0.0223	+36 6 44.1	−10.757	−0.475	80.1	109 124	36 1785
4177	7.6	10 0.02	3.9392	0.0237	37 33 21.8	10.775	0.480	80.2	181 185	37 1848
4178	8.7	10 3.05	3.9975	0.0255	39 22 34.6	10.779	0.487	90.3[2]	9 Beob.[3]	39 2083
4179	7.4	10 13.37	3.9351	0.0236	37 26 31.6	10.793	0.479	80.2	151 178	37 1849
4180	8.8	10 26.71	3.8566	0.0213	34 51 23.9	10.808	0.469	80.1	109 124	34 1799
4181	7.7	8 10 30.24	+3.9558	−0.0243	+38 7 22.3	−10.812	−0.482	80.2	166 170	38 1894
4182	8.9	10 44.73	3.9039	0.0228	36 28 3.6	10.830	0.475	80.2	181 185	36 1786
4183	9.1	10 56.63	3.9072	0.0228	36 35 33.3	10.845	0.475	81.2	409 411	36 1787
4184	8.4	10 56.78	3.9808	0.0252	38 56 7.3	10.845	0.484	81.2	397 407	38 1895
4185	9.0	10 57.73	3.9974	0.0257	39 26 41.2	10.846	0.486	80.2	154 158	39 2085
4186	7.4	8 11 10.22	+4.0148	−0.0264	+39 59 1.4	−10.861	−0.488	80.1	132 149	40 2026
4187	8.4	11 24.84	3.8709	0.0218	35 24 57.0	10.879	0.469	80.2	151 178	35 1801
4188	7.3	11 30.18	3.8712	0.0219	35 26 2.6	10.886	0.469	80.2	151 178	35 1802
4189	7.0	11 44.97	3.8753	0.0220	35 35 24.5	10.904	0.470	80.2	181 185	35 1803
4190	8.4	11 50.06	3.9471	0.0243	37 57 3.4	10.910	0.479	80.2	154 158	38 1896
4191	8.7	8 11 51.45	+3.8786	−0.0222	+35 42 45.6	−10.912	−0.470	81.2	397 407	35 1804
4192	8.3	11 57.78	3.8940	0.0226	36 14 11.2	10.920	0.472	81.2	409 411	36 1791
4193	9.0	12 2.69	3.8521	0.0214	34 49 26.9	10.926	0.466	80.1	109 124	34 1802
4194	8.9	12 10.68	3.8922	0.0226	36 11 25.3	10.935	0.471	81.2	397 407	36 1792
4195	9.3	12 19.44	3.9818	0.0255	39 4 23.3	10.946	0.482	80.1	132 149	39 2088
4196	9.1	8 12 19.80	+3.9905	−0.0258	+39 20 32.8	−10.947	−0.483	80.2	166 170	39 2089
4197	8.0	12 19.84	3.9709	0.0251	38 44 12.1	10.947	0.481	80.2	166 170	38 1897
4198	7.0	12 44.03	3.8903	0.0227	36 10 15.3	10.976	0.470	80.2	181 185	36 1794
4199	8.2	12 57.75	3.9865	0.0258	39 16 14.7	10.993	0.482	80.2	154 158	39 2090
4200	9.1	12 59.47	3.8788	0.0224	35 48 24.1	10.995	0.468	80.1	109 124	35 1806

[1] Dpl. bor. praec. [2] E.B. −0s.009 −0″.21 (Porter) [3] Z. 154 158 640 649; M 276 277 279 280 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4201	8.9	8^h 13^m $4^s.68$	$+3^s.9716$	$-0^s.0254$	+38° 49' 6".1	−11".001	−0".480	80.2	166 170	38° 1899
4202	9.4	13 4.99	4.0030	0.0264	39 46 56.1	11.002	0.484	81.2	409 411	39 2091
4203	8.0	13 8.70	3.8760	0.0223	35 43 20.9	11.006	0.468	80.2	151 178	35 1808
4204	8.6	13 14.01	3.9053	0.0232	36 42 42.3	11.013	0.471	81.2	397 407	36 1796
4205	8.5	13 14.26	4.0124	0.0268	40 4 39.7	11.013	0.484	80.1	132 149	40 2032
4206	9.0	8 13 25.33	+3.8978	−0.0230	+36 28 32.9	−11.026	−0.470	88.8	185 640 649	36 1797
4207	9.1	13 32.43	3.9029	0.0232	36 39 5.9	11.035	0.471	80.2	151 178	36 1798
4208	9.3	13 38.55	3.8523	0.0217	34 57 12.8	11 043	0.464	80.1	109 124	35 1810
4209	8.6	13 44.21	3.8963	0.0230	36 27 1.7	11.049	0.469	80.9	181 409 411	36 1799
4210	8.5	14 3.22	3.8979	0.0232	36 31 38.1	11.072	0.469	80.2	181 185	36 1801
4211	9.0	8 14 50.87	+3.9687	−0.0257	+38 52 11.8	−11.131	−0.477	80.1	132 149	38 1902
4212	8.3	15 3.39	3.8764	0.0227	35 53 9.5	11.146	0.465	80.1	109 124	35 1814
4213	9.5	15 4.52	3.8787	0.0228	35 57 54.5	11.147	0.465	80.2	151 178	36 1806
4214	8.7	15 18.88	4.0041	0.0269	39 59 58.1	11.165	0.481	80.1	132 149	40 2041
4215	8.9	15 37.61	3.9503	0.0252	38 21 14.6	11.187	0.473	80.2	166 170	38 1904
4216	8.1	8 15 40.46	+3.8996	−0.0235	+36 42 50.3	−11.190	−0.467	80.1	109 124	36 1808
4217	8.8	15 42.00	3.9662	0.0257	38 51 43.1	11.192	0.475	80.2	154 158	38 1905
4218	8.8	16 3.15	3.9387	0.0249	38 1 11.4	11.218	0.471	80.2	166 170	38 1907
4219	8.6	16 21.15	3.9980	0.0270	39 54 0.1	11.240	0.478	88.8	158 640 649	39 2095
4220	8.9	16 54.69	4.0004	0.0272	40 1 5.4	11.280	0.477	80.1	132 149	40 2047
4221	8.8	8 16 57.04	+3.9880	−0.0268	+39 38 39.8	−11.283	−0.475	88.8	158 640 649	39 2097
4222	6.0	17 4.64	3.8578	0.0225	35 24 49.3	11.292	0.460	85.5	13 Beob. [1]	35 1819
4223	8.1	17 14.97	3.9286	0.0248	37 47 32.8	11.305	0.468	80.2	181 185	37 1856
4224	9.3	17 27.20	3.9637	0.0261	38 55 49.6	11.319	0.472	80.1	132 149	39 2098
4225	8.0	17 36.25	3.9007	0.0240	36 54 27.1	11.330	0.465	80.1	109 124	36 1814
4226	9.5	8 17 46.26	+3.8836	−0.0235	+36 20 55.0	−11.342	−0.462	87.2	409 411 640 649	36 1816
4227	8.2	17 55.07	3.9145	0.0245	37 23 16.7	11.353	0.466	80.2	151 178	37 1857
4228	8.7	18 10.93	3.9048	0.0243	37 5 21.2	11.371	0.464	80.2	181 185	37 1858
4229	8.4	18 11.29	3.9311	0.0251	37 57 2.8	11.372	0.467	80.2	166 170	38 1908
4230	8.5	18 17.46	3.9783	0.0268	39 27 16.6	11.381	0.473	80.2	154 158	39 2099
4231	8.9	8 18 22.60	+3.8792	−0.0235	+36 15 0.3	−11.386	−0.461	80.2	151 178	36 1820
4232	8.2	18 34.13	3.9763	0.0268	39 25 8.1	11.400	0.472	80.1	132 149	39 2101
4233	8.1	18 43.29	3.9020	0.0242	37 2 31.2	11.411	0.463	80.2	181 185	37 1859
4234	9.5	18 50.75	3.8489	0.0226	35 14 56.1	11.420	0.456	81.2	409 411	35 1825
4235	8.2	19 16.88	3.8763	0.0235	36 13 33.3	11.451	0.459	80.1	109 124	36 1823
4236	9.0	8 19 22.04	+3.9200	−0.0250	+37 41 16.5	−11.457	−0.464	86.7	166 170 640 649	37 1860
4237	8.6	19 31.26	3.8839	0.0238	36 30 14.8	11.468	0.460	80.2	181 185	36 1824
4238	9.5	19 35.06	3.8337	0.0223	34 47 21.4	11.473	0.454	87.2	409 411 640 649	34 1830
4239	8.5	19 39.15	3.9260	0.0252	37 54 34.2	11.478	0.464	80.2	166 170	37 1861
4240	8.6	19 48.86	3.8841	0.0239	36 32 5.6	11.489	0.459	81.2	397 407	36 1825
4241	6.7	8 20 1.90	+3.8767	−0.0237	+36 18 4.6	−11.505	−0.458	81.2	385 406	36 1826
4242	9.1	20 8.48	3.9679	0.0268	39 17 18.2	11.513	0.469	80.1	132 149	39 2104
4243	8.4	20 9.37	3.8783	0.0238	36 21 56.9	11.514	0.458	80.2	181 185	36 1827
4244	8.4	20 11.98	3.8909	0.0242	36 47 46.4	11.517	0.460	80.2	151 178	36 1828
4245	8.8	20 12.55	3.9432	0.0260	38 30 39.8	11.518	0.466	80.2	154 158	38 1913
4246	7.3	8 20 15.41	+3.9096	−0.0248	+37 25 22.3	−11.521	−0.462	81.2	397 407	37 1864
4247	9.0	20 17.51	3.8520	0.0229	35 28 30.7	11.523	0.455	80.1	109 124	35 1828
4248	7.8	20 59.72	3.9654	0.0269	39 17 8.7	11.574	0.467	80.1	132 149	39 2106
4249	8.9	21 5.16	3.8951	0.0245	37 0 44.3	11.580	0.459	80.1	109 124	37 1865
4250	8.8	21 19.68	3.9118	0.0251	37 35 13.2	11.598	0.460	80.2	154 158	37 1866

[1] Z. 151 178 385; M 81 82 166 170 171 276 277 279 280 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4251	8.4	8h 21m 30s.08	+3s.9786	−0s.0275	+39° 44′ 25″.0	−11″.610	−0″.468	80.1	132 149	39° 2107
4252	8.8	21 37.78	3.9125	0.0252	37 38 7.9	11.619	0.460	80.2	166 170	37 1867
4253	7.9	21 45.77	3.8460	0.0230	35 23 13.6	11.629	0.452	80.1	109 124	35 1831
4254	8.0	21 49.93	3.9074	0.0251	37 29 6.5	11.634	0.459	80.2	151 178	37 1868
4255	7.3	22 8.16	3.9782	0.0276	39 47 5.9	11.655	0.467	80.2	154 158	39 2109
4256	8.3	8 22 16.93	+3.9533	−0.0268	+39 0 50.0	−11.666	−0.464	80.1	132 149	39 2110
4257	7.0	22 53.88	3.9420	0.0265	38 42 30.3	11.709	0.462	80.2	154 158	38 1916
4258	8.6	22 54.14	3.8703	0.0240	36 19 35.7	11.710	0.453	80.2	181 185	36 1831
4259	8.3	23 4.66	3.8540	0.0235	35 46 45.8	11.722	0.451	80.1	109 124	35 1832
4260	9.2	23 11.90	3.8299	0.0228	34 56 27.9	11.731	0.448	80.2	151 178	35 1833
4261	6.0	8 23 13.49	+3.9098	−0.0254	+37 40 58.9	−11.733	−0.457	80.2	166[1] 170	37 1870
4262	8.4	23 23.20	3.9675	0.0275	39 33 40.0	11.744	0.464	80.1	132 149	39 2116
4263	7.0	23 36.91	3.8414	0.0232	35 23 1.3	11.760	0.449	80.1	109 124	35 1834
4264	8.4	23 45.73	3.9214	0.0260	38 6 43.7	11.771	0.458	80.2	154 158	38 1917
4265	8.5	23 52.26	3.8817	0.0246	36 47 58.3	11.778	0.453	81.2	397 407	36 1832
4266	8.9	8 23 58.67	+3.8582	−0.0238	+36 0 6.5	−11.786	−0.450	81.2	385 406	36 1833
4267	9.1	24 14.00	3.8320	0.0231	35 6 16.1	11.804	0.447	80.2	151 178	35 1835
4268	9.0	24 18.56	3.8280	0.0229	34 58 10.6	11.809	0.446	80.2	181 185	35 1836
4269	9.0	24 22.59	3.9135	0.0258	37 54 35.5	11.814	0.456	80.2	166 170[1]	37 1873
4270	9.2	24 23.99	3.8951	0.0252	37 17 54.3	11.816	0.454	81.2	409 411	37 1874
4271	9.3	8 24 29.42	+3.8443	−0.0235	+35 33 40.9	−11.822	−0.448	80.2	181 185	35 1837
4272	8.3	24 39.45	3.8275	0.0230	34 58 59.8	11.834	0.446	80.2	151 178	35 1838
4273	9.2	24 43.22	3.8598	0.0240	36 7 13.8	11.839	0.449	81.2	397 407	36 1834
4274	9.1	24 43.63	3.9440	0.0270	38 55 53.1	11.839	0.459	80.1	132 149	38 1919
4275	**6.4**	**24 47.15**	**3.9287**	**0.0265**	**38 26 35.2**	**11.843**	**0.457**		**Fund. Cat.**	**38 1920**
4276	8.6	8 24 58.62	+3.8999	−0.0255	+37 30 36.3	−11.857	−0.454	81.2	409 411	37 1876
4277	7.3	24 58.76	3.8219	0.0228	34 48 31.2	11.857	0.444	80.1	109 124	34 1855
4278	8.8	25 17.21	3.8635	0.0243	36 17 55.0	11.879	0.449	81.2	397 407	36 1835
4279	9.2	25 17.50	3.9248	0.0264	38 21 39.6	11.879	0.456	80.2	166 170	38 1923
4280	6.4•	25 20.24	3.8797	0.0248	36 51 31.0	11.882	0.451	80.2	181 185	36 1836
4281	8.4	8 25 20.85	+3.9234	−0.0264	+38 19 11.1	−11.883	−0.456	80.2	154 158	38 1924
4282	8.4	25 35.10	3.9310	0.0267	38 35 20.2	11.900	0.456	80.1	132 149	38 1925
4283	7.9	25 35.87	3.8605	0.0242	36 13 19.4	11.900	0.448	80.2	151 178	36 1837
4284	8.5	25 37.12	3.8990	0.0256	37 32 5.1	11.902	0.453	81.2	385 406	37 1877
4285	9.5	25 44.89	3.8531	0.0240	35 58 46.6	11.911	0.447	81.2	409 411	36 1838
4286	8.8	8 25 59.77	+3.9330	−0.0269	+38 41 34.5	−11.928	−0.456	80.2	166 170	38 1926
4287	9.0	26 11.49	3.8268	0.0233	35 5 28.3	11.942	0.443	80.1	109 124	35 1839
4288	5.6	26 41.70	3.8758	0.0250	36 50 46.9	11.977	0.448	85.4	16 Beob.[2]	36 1840
4289	9.2	27 38.16	3.8218	0.0233	35 2 8.9	12.043	0.440	80.1	109[3] 124	35 1843
4290	9.3	27 41.99	3.9173	0.0267	38 20 0.4	12.048	0.452	86.6	132 149 640 649	38 1930
4291	9.6	8 28 22.46	+3.8868	−0.0258	+37 22 28.1	−12.095	−0.447	88.9	185 640 649	37 1882
4292	8.2	28 27.49	3.9620	0.0285	39 50 55.8	12.101	0.455	80.1	132 149	39 2127
4293	9.3	28 31.95	3.8571	0.0248	36 22 3.1	12.106	0.443	80.2	181 185	36 1841
4294	9.5	28 38.31	3.8610	0.0249	36 30 43.1	12.114	0.443	81.2	409 411	36 1843
4295	8.3	28 41.46	3.8252	0.0237	35 15 14.7	12.117	0.439	80.1	109 124	35 1845
4296	8.9	8 28 46.05	+3.8222	−0.0236	+35 9 16.9	−12.123	−0.439	80.2	151 178	35 1846
4297	9.0	29 5.25	3.9145	0.0269	38 21 59.9	12.145	0.449	80.2	154 158	38 1932
4298	9.0	29 24.28	3.9180	0.0271	38 30 46.5	12.167	0.449	80.2	154 158	38 1934
4299	7.4	29 42.89	3.9655	0.0290	40 4 41.1	12.188	0.454	80.1	132 149	40 2083
4300	8.9	29 55.00	3.8200	0.0237	35 10 36.4	12.203	0.437	80.1	109 124	35 1848

[1] Dpl. austr. seq. (der anscheinend auf denselben Stern bezügliche Vermerk steht in Z. 166 bei 37° 1870, in Z. 170 bei der, zunächst folgenden, Beob. von 37° 1873) [2] Z. 151 178 385 409 411 640 649; M 69 71 166 170 171 276 277 280 282
[3] Dpl. 1″.5 med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4301	9.5	8h 30m 7.41s	+3.8086s	−0.0234s	+34° 46′ 51.1″	−12.217″	−0.435″	81.2	409 411	34° 1870
4302	7.3	30 14.43	3.8842	0.0261	37 27 19.5	12.225	0.443	80.2	151 178	37 1885
4303	8.9	30 40.03	3.9173	0.0273	38 36 32.2	12.255	0.447	84.4	128 162 663	38 1937
4304	8.6	30 40.92	3.8111	0.0236	34 55 23.4	12.255	0.435	80.1	109 124	34 1874
4305	9.5	31 2.81	3.8831	0.0262	37 29 34.0	12.281	0.442	81.2	409 411	37 1888
4306	9.1	8 31 4.01	+3.9573	−0.0289	+39 56 43.1	−12.282	−0.451	80.1	116 120	40 2087
4307	8.4	31 5.10	3.8169	0.0239	35 10 16.3	12.283	0.435	80.2	151 178	35 1851
4308	9.3	31 10.58	3.8966	0.0267	37 57 49.6	12.290	0.444	80.2	187 191	38 1938
4309	9.0	31 14.18	3.9034	0.0270	38 12 1.1	12.294	0.444	84.4	128 162 663	38 1939
4310	8.2	31 19.25	3.8226	0.0241	35 23 52.9	12.300	0.435	80.2	181 185	35 1852
4311	9.2	8 31 24.15	+3.8278	−0.0243	+35 35 34.7	−12.305	−0.435	80.2	151 178	35 1853
4312	8.8	31 25.87	3.9276	0.0279	39 1 1.4	12.307	0.447	80.1	116 120	39 2130
4313	7.8	31 29.62	3.8378	0.0246	35 57 24.0	12.312	0.436	81.2	397 407	36 1850
4314	9.3	31 32.47	3.8412	0.0247	36 5 3.5	12.315	0.437	80.2	181 185	36 1851
4315	9.1	31 48.25	3.8197	0.0241	35 20 14.6	12.333	0.434	80.1	109 124	35 1854
4316	7.2	8 32 37.25	+3.9114	−0.0275	+38 35 57.9	−12.389	−0.443	84.4	128 162 663	38 1940
4317	9.0	32 43.29	3.8237	0.0244	35 34 0.3	12.396	0.433	80.1	109 124	35 1856
4318	8.4	32 49.25	3.8150	0.0241	35 15 41.5	12.403	0.432	80.2	151 178	35 1857
4319	8.9	32 54.73	3.9361	0.0285	39 26 20.0	12.409	0.445	80.1	116 120	39 2137
4320	9.1	33 2.70	3.8399	0.0250	36 10 38.3	12.419	0.434	86.7	181 185 641 650	36 1856
4321	8.3	8 33 7.28	+3.8524	−0.0255	+36 37 37.7	−12.424	−0.436	81.2	409 411	36 1857
4322	7.9	33 14.08	3.8460	0.0253	36 24 37.8	12.432	0.435	80.2	181 185	36 1858
4323	8.5	33 33.46	3.8812	0.0266	37 39 55.1	12.454	0.438	81.2	409 411	37 1891
4324	8.7	33 40.31	3.9386	0.0288	39 35 32.7	12.462	0.444	83.3	120 128 162 663	39 2139
4325	9.3	33 47.45	3.8110	0.0241	35 12 20.5	12.470	0.429	80.2	151 178	35 1859
4326	8.9	8 33 50.30	+3.9381	−0.0288	+39 35 39.7	−12.473	−0.444	88.8	116 641 650	39 2140
4327	8.9	33 55.11	3.8025	0.0239	34 54 15.0	12.479	0.429	80.1	109 124	34 1883
4328	8.3	34 1.18	3.9053	0.0276	38 31 48.0	12.485	0.440	80.2	187 191	38 1943
4329	8.5	34 10.07	3.8579	0.0259	36 55 3.7	12.496	0.435	80.2	181 185	36 1860
4330	8.3	34 17.89	3.8586	0.0260	36 57 15.0	12.504	0.435	81.2	397 407	37 1893
4331	9.2	8 34 28.15	+3.8706	−0.0264	+37 23 17.4	−12.516	−0.436	81.2	409 411	37 1895
4332	7.3	34 32.44	3.9333	0.0288	39 30 19.2	12.521	0.443	80.1	116 120	39 2141
4333	9.2	34 53.46	3.8432	0.0255	36 28 13.3	12.545	0.432	80.1	109 124	36 1861
4334	8.1[1]	35 4.64	3.9240	0.0286	39 15 13.7	12.558	0.441	84.4	128 162 663	39 2143
4335	9.0	35 5.22	3.9250	0.0286	39 17 13.1	12.558	0.441	84.4	128 162 663	39 2144
4336	9.2	8 35 7.56	+3.9184	−0.0283	+39 4 18.1	−12.561	−0.440	80.2	187 191	39 2145
4337	9.3	35 13.96	3.8391	0.0254	36 21 21.4	12.567	0.431	80.2	151 178	36 1862
4338	7.5	35 32.77	3.8506	0.0259	36 47 40.9	12.590	0.431	80.2	151 178	36 1863
4339	6.8	35 33.67	3.8610	0.0263	37 9 44.0	12.591	0.433	80.2	181 185	37 1898
4340	9.1	35 54.40	3.9067	0.0281	38 45 41.4	12.614	0.437	80.1	116 120	38 1947
4341	7.9	8 36 6.16	+3.8127	−0.0246	+35 29 11.3	−12.627	−0.427	80.1	109 124	35 1864
4342	6.1	36 9.43	3.8653	0.0266	37 22 8.5	12.631	0.431	81.2	397 407	37 1899
4343	8.7	36 48.95	3.8683	0.0268	37 32 14.5	12.676	0.432	80.2	181 185	37 1900
4344	8.5	36 49.15	3.8860	0.0275	38 8 49.4	12.676	0.433	84.4	128 162 663	38 1950
4345	8.1	36 58.09	3.8518	0.0263	36 58 35.8	12.686	0.431	80.2	151 178	37 1902
4346	9.0	8 37 6.59	+3.8321	−0.0255	+36 17 12.7	−12.696	−0.427	86.6	109 124 641 650	36 1864
4347	8.1	37 24.65	3.9035	0.0283	38 48 12.5	12.716	0.434	80.2	187 191	38 1953
4348	9.3	37 24.73	3.9319	0.0294	39 44 44.4	12.716	0.438	88.8	116 641 650	39 2148
4349	7.0	37 36.62	3.8720	0.0271	37 44 41.2	12.730	0.431	80.2	181 185	37 1903
4350	9.0	37 44.89	3.8842	0.0277	38 10 47.2	12.739	0.432	81.2	397 407	38 1954

[1] Z. 128 obl.?, Z. 162 dpl. 1.5s 350° med., Z. 663 dpl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4351	8.6	8h 37m 45s.22	+3s.8231	−0s.0253	+36° 1' 23".2	−12".739	−0".425	80.1	109 124	36° 1865
4352	9.3	37 49.61	3.9020	0.0283	38 47 35.8	12.744	0.434	80.2	187 191	38 1955
4353	8.7	37 54.46	3.8305	0.0256	36 18 25.4	12.750	0.426	80.2	151 178	36 1866
4354	8.7	37 58.46	3.9373	0.0298	39 58 45.2	12.754	0.438	88.8	116 656 659	40 2104
4355	9.5	38 5.79	3.8276	0.0255	36 13 17.7	12.763	0.425	81.2	409 411	36 1868
4356	8.9	8 38 6.63	+3.9088	−0.0286	+39 3 6.9	−12.763	−0.434	84.4	128 162 663	39 2151
4357	8.5	38 9.94	3.8728	0.0273	37 49 47.4	12.767	0.430	87.2	397 407 656 659	37 1904
4358	9.3	38 14.17	3.8580	0.0268	37 19 4.2	12.772	0.428	81.2	409 411	37 1906
4359	8.9[1]	38 30.31	3.9043	0.0286	38 56 26.7	12.790	0.433	88.8	116 641 650	39 2152
4360	8.6	38 37.11	3.7986	0.0246	35 12 39.0	12.798	0.421	80.1	109 124	35 1868
4361	7.4	8 38 45.39	+3.8905	−0.0281	+38 29 49.5	−12.807	−0.431	80.2	187 191	38 1958
4362	9.3	38 51.64	3.8695	0.0273	37 47 6.8	12.814	0.428	80.2	181 185	37 1908
4363	8.6	39 3.40	3.8958	0.0284	38 42 25.4	12.827	0.432	80.2	187 191	38 1959
4364	9.2	39 16.88	3.9068	0.0288	39 5 56.5	12.842	0.432	84.4	128 162 663	39 2154
4365	8.1	39 25.50	3.8431	0.0264	36 54 43.5	12.852	0.425	80.2	109 124 151 178	36 1870
4366	7.9	8 39 52.15	+3.9337	−0.0300	+40 3 14.9	−12.882	−0.434	80.1	116 120	40 2109
4367	9.0	40 5.76	3.9032	0.0289	39 3 47.4	12.897	0.430	84.4	128 162 663	39 2157
4368	7.7[2]	40 25.00	3.7898	0.0246	35 3 28.6	12.918	0.417	80.1	109 124	35 1871
4369	8.7	40 25.46	3.8537	0.0271	37 23 18.8	12.919	0.424	80.2	151 178	37 1910
4370	7.7[3]	40 56.22	3.8930	0.0287	38 48 13.7	12.953	0.428	80.1	116 120	38 1961
4371	8.9	8 41 34.27	+3.8477	−0.0271	+37 17 26.0	−12.996	−0.422	80.2	181 185	37 1913
4372	8.7	41 50.07	3.8777	0.0283	38 22 26.1	13.013	0.424	84.4	128 162 663	38 1963
4373	8.5	41 50.81	3.9273	0.0302	40 3 4.2	13.014	0.430	80.1	116 120	40 2111
4374	8.0	42 7.98	3.8063	0.0255	35 50 40.3	13.033	0.416	80.1	109 124	35 1875
4375	7.9	42 24.45	3.7963	0.0252	35 30 2.4	13.051	0.415	80.2	151 178	35 1876
4376	8.4	8 42 36.08	+3.8247	−0.0264	+36 34 14.5	−13.064	−0.418	81.2	397 407	36 1874
4377	7.7	42 40.34	3.8459	0.0272	37 20 28.6	13.069	0.420	80.2	181 185	37 1916
4378	8.4	42 44.16	3.8911	0.0290	38 55 38.7	13.073	0.424	80.1	116 120	39 2160
4379	9.2	42 48.21	3.8659	0.0280	38 3 47.2	13.078	0.422	80.2	187 191	38 1966
4380	8.3	42 48.81	3.8720	0.0283	38 16 37.2	13.078	0.422	84.4	128 162 663	38 1967
4381	7.9[4]	8 42 53.35	+3.7958	−0.0253	+35 31 50.0	−13.083	−0.414	80.2	151 178	35 1878
4382	9.2[5]	42 59.85	3.7751	0.0245	34 45 34.0	13.090	0.412	80.1	109 124	34 1903
4383	8.5	43 1.87	3.8785	0.0285	38 31 29.6	13.093	0.423	81.2	409 411	38 1968
4384	7.9	43 8.65	3.7886	0.0251	35 17 16.7	13.100	0.413	88.8	185 641 650	35 1880
4385	8.2	43 24.75	3.7854	0.0250	35 11 26.0	13.118	0.412	80.1	109 124	35 1881
4386	8.4	8 43 47.22	+3.9009	−0.0296	+39 22 18.4	−13.143	−0.424	80.1	116 120	39 2161
4387	8.6	43 49.22	3.8714	0.0284	38 21 43.6	13.145	0.420	84.4	128 162 663	38 1971
4388	8.9	44 13.34	3.8716	0.0285	38 24 34.4	13.171	0.420	84.4	128 162 663	38 1973
4389	9.1	44 14.46	3.8803	0.0289	38 42 53.6	13.173	0.421	80.2	187 191	38 1972
4390	8.4	44 16.66	3.7964	0.0256	35 41 36.8	13.175	0.412	80.2	151 178	35 1883
4391	9.2	8 44 21.86	+3.8207	−0.0267	+36 36 17.5	−13.181	−0.414	80.2	181 185	36 1878
4392	7.9	44 23.18	3.8241	0.0267	36 43 58.6	13.182	0.416	81.2	397 407	36 1879
4393	8.4	44 27.99	3.8021	0.0258	35 55 43.1	13.188	0.413	81.2	409 411	36 1880
4394	8.7	44 39.37	3.9126	0.0302	39 51 36.6	13.200	0.424	80.1	116 120	39 2163
4395	9.2	44 47.92	3.8200	0.0266	36 37 24.6	13.209	0.414	80.2	181 185	36 1881
4396	9.2	8 44 51.20	+3.7892	−0.0254	+35 29 7.7	−13.213	−0.410	80.1	109 124	35 1885
4397	9.5	45 2.75	3.8672	0.0285	38 20 45.5	13.226	0.418	80.2	187 191	38 1975
4398	8.1	45 4.16	3.7815	0.0252	35 12 53.4	13.227	0.409	80.2	151 178	35 1886
4399	6.9	45 14.25	3.8440	0.0277	37 32 37.4	13.238	0.415	81.2	409 411	37 1919
4400	8.9	45 46.42	3.8520	0.0281	37 53 9.9	13.273	0.415	84.4	128 162 663	37 1920

[1] Dpl. 5" austr. seq. [2] 9m.4 18" [3] Dpl. 10" austr. praec. [4] Dpl. aeq. med. [5] Dpl. 12" seq.; Com. 9m.3

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4401	8.6	8h 45m 57s.38	+3s.7919	−0s.0257	+35° 42′ 6″.8	−13″.286	−0″.409	80.1	109 124	35° 1890
4402	6.1	46 3.09	3.7998	0.0260	36 0 33.0	13.292	0.410	81.2	397 407	36 1883
4403	8.8	46 3.90	3.8437	0.0278	37 37 6.0	13.293	0.414	88.8	191 641 650	37 1921
4404	7.0	46 4.14	3.9041	0.0303	39 43 28.9	13.293	0.420	80.1	116 120	39 2164
4405	8.4	46 8.51	3.7819	0.0254	35 20 25.3	13.298	0.407	80.2	151 178	35 1892
4406	8.1	8 46 22.51	+3.7863	−0.0256	+35 31 53.2	−13.313	−0.408	80.2	181 185	35 1894
4407	8.4	46 34.97	3.7914	0.0258	35 44 55.0	13.326	0.408	80.1	109 124	35 1895
4408	9.4	46 41.28	3.7760	0.0253	35 10 21.3	13.333	0.406	80.2	151 178	35 1896
4409	8.8	46 51.62	3.8313	0.0275	37 15 17.0	13.345	0.411	86.7	181 185 641 650	37 1923
4410	9.1	47 18.54	3.8386	0.0279	37 34 7.8	13.374	0.411	88.0	5 Beob. [1]	37 1924
4411	7.3	8 47 34.80	+3.7846	−0.0258	+35 35 39.9	−13.392	−0.405	80.1	109 124	35 1900
4412	9.1	47 34.94	3.9035	0.0306	39 52 21.1	13.392	0.418	86.7	116 120 656 659	39 2171
4413	9.3	47 48.22	3.8623	0.0289	38 28 11.1	13.406	0.413	88.0	5 Beob. [2]	38 1978
4414	7.8	48 1.68	3.8120	0.0270	36 40 17.9	13.421	0.407	80.2	181 185	36 1888
4415	8.3	48 13.12	3.8181	0.0273	36 55 8.8	13.433	0.408	80.2	181 185	37 1927
4416	7.6	8 48 15.06	+3.7901	−0.0261	+35 52 35.3	−13.435	−0.405	80.2	151 178	35 1904
4417	7.0	48 19.55	3.8841	0.0299	39 17 19.5	13.440	0.414	80.1	116 120	39 2174
4418	9.2	48 59.34	3.8289	0.0278	37 23 55.6	13.483	0.407	80.2	151 178	37 1928
4419	9.3	49 3.80	3.8473	0.0286	38 4 33.7	13.488	0.409	88.8	187 641 650	38 1979
4420	7.9	49 5.30	3.8374	0.0282	37 43 15.7	13.490	0.408	84.4	128 162 663	37 1929
4421	7.0	8 49 15.01	+3.7775	−0.0258	+35 30 4.7	−13.500	−0.402	80.1	109 124	35 1905
4422	9.1	49 32.73	3.8349	0.0282	37 40 50.0	13.519	0.407	84.4	128 162 663	37 1930
4423	7.0	49 47.20	3.8637	0.0294	38 44 25.6	13.535	0.410	80.1	116 120	38 1981
4424	9.0	50 15.62	3.7661	0.0256	35 10 20.0	13.565	0.399	80.1	109 124	35 1909
4425	6.8	50 35.31	3.7942	0.0267	36 16 59.0	13.586	0.401	80.1	109 124	36 1889
4426	9.1	8 50 40.18	+3.8173	−0.0277	+37 9 29.0	−13.592	−0.403	81.2	409 411	37 1933
4427	9.0	50 49.90	3.8702	0.0299	39 5 8.7	13.602	0.409	80.1	116 120	39 2179
4428	9.1	51 24.73	3.7724	0.0260	35 32 26.0	13.639	0.398	80.2	151 178	35 1911
4429	8.9	51 27.61	3.7694	0.0259	35 25 43.5	13.642	0.397	80.2	181 185	35 1912
4430	9.3	51 34.91	3.7561	0.0254	34 55 20.8	13.650	0.396	80.1	109 124	34 1928
4431	8.9	8 51 43.86	+3.8626	−0.0297	+38 55 12.6	−13.660	−0.406	88.8	187 641 650	38 1984
4432	9.6	51 52.01	3.7987	0.0272	36 35 52.4	13.668	0.399	81.2	409 411	36 1892
4433	6.9	51 58.21	3.7649	0.0258	35 18 37.1	13.675	0.396	80.2	151 178	35 1913
4434	8.8	51 58.68	3.7569	0.0255	34 59 50.9	13.676	0.395	80.2	181 185	35 1914
4435	9.1	52 0.02	3.8719	0.0302	39 16 34.9	13.677	0.407	80.1	116 120	39 2181
4436	9.1	8 52 19.07	+3.8763	−0.0305	+39 28 6.3	−13.697	−0.407	84.4	128 162 663	39 2182
4437	9.2	52 25.50	3.8144	0.0279	37 14 53.4	13.704	0.400	80.2	181 185	37 1935
4438	8.0	52 30.75	3.7644	0.0259	35 20 56.9	13.710	0.395	80.1	109 124	35 1915
4439	6.6	52 33.59	3.8369	0.0289	38 5 20.6	13.713	0.402	88.8	187 641 650	38 1986
4440	8.9	52 43.66	3.8634	0.0300	39 3 44.5	13.723	0.405	80.1	116 120	39 2183
4441	8.4	8 52 46.10	+3.8548	−0.0297	+38 45 31.0	−13.726	−0.404	84.4	128 162 663	38 1987
4442	9.4	52 47.41	3.8443	0.0293	38 23 10.0	13.727	0.403	81.2	409 411	38 1988
4443	8.4	52 48.46	3.7725	0.0263	35 41 55.3	13.729	0.395	80.2	151 178	35 1916
4444	9.1	52 51.59	3.8525	0.0296	38 41 18.5	13.732	0.403	81.2	397 407	38 1989
4445	8.1	53 27.17	3.8148	0.0282	37 22 41.9	13.770	0.398	81.2	397 407	37 1938
4446	9.5	8 53 52.88	+3.8759	−0.0309	+39 38 0.2	−13.797	−0.404	88.8	187 641 650	39 2185
4447	7.7	53 53.35	3.7862	0.0271	36 20 55.1	13.797	0.395	80.2	109 124 181 185	36 1897
4448	9.1	54 1.42	3.7868	0.0271	36 23 15.9	13.806	0.395	80.2	181 185	36 1898
4449	9.5	54 3.64	3.8264	0.0288	37 52 44.8	13.808	0.399	81.2	409 411	37 1940
4450	9.4	54 12.13	3.7712	0.0265	35 48 14.4	13.817	0.393	80.2	151 178	35 1920

[1] Z. 128 162 641 650 663   [2] Z. 128 162 641 650 663

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4451	9.2	$8^h\ 54^m\ 14^s.34$	$+3^s.8181$	$-0^s.0285$	$+37°\ 35'\ 29''.2$	$-13''.820$	$-0''.397$	80.1	116 120	37° 1941
4452	6.9	54 18.70	3.8606	0.0303	39 8 46.2	13.824	0.402	88.0	5 Beob. [1]	39 2187
4453	9.3	54 33.54	3.8638	0.0305	39 17 13.7	13.840	0.402	88.0	5 Beob. [2]	39 2188
4454	8.8	54 34.69	3.8655	0.0305	39 21 2.4	13.840	0.402	80.1	116 120	39 2189
4455	8.9	54 43.44	3.7712	0.0265	35 51 49.1	13.850	0.392	80.1	109 124	35 1922
4456	9.1	8 55 14.34	+3.8270	−0.0291	+38 2 8.5	−13.883	−0.397	80.2	187 191	38 1991
4457	8.9	55 16.11	3.7518	0.0259	35 9 34.2	13.885	0.389	80.2	151 178	35 1925
4458	9.0	55 27.05	3.8414	0.0298	38 35 20.3	13.896	0.398	87.2	397 407 641 650	38 1992
4459	9.4	55 30.30	3.7963	0.0278	36 55 1.3	13.900	0.393	81.2	409 411	36 1900
4460	7.3	55 30.96	3.8343	0.0294	38 20 15.9	13.900	0.397	80.2	187 191	38 1993
4461	8.9	8 55 40.31	+3.7436	−0.0256	+34 52 51.8	−13.910	−0.387	80.1	109 124	34 1934
4462	6.8	55 47.46	3.8583	0.0305	39 14 4.3	13.918	0.399	80.1	116 120	39 2193
4463	9.6	55 53.66	3.7749	0.0270	36 8 27.4	13.924	0.389	87.2	409 411 641 650	36 1902
4464	9.0	55 54.65	3.8056	0.0283	37 18 56.7	13.925	0.393	81.2	385 406	37 1942
4465	8.1	56 4.29	3.8240	0.0291	38 1 16.6	13.935	0.395	81.2	385 406	38 1995
4466	8.6	8 56 9.25	+3.8596	−0.0306	+39 19 32.6	−13.941	−0.399	84.4	128 162 663	39 2194
4467	8.4	56 21.15	3.7915	0.0277	36 49 58.0	13.953	0.391	81.2	397 407	36 1903
4468	8.4	56 23.70	3.7905	0.0277	36 48 6.6	13.956	0.391	81.2	397 407	36 1904
4469	8.8	56 27.60	3.7570	0.0263	35 30 15.1	13.960	0.388	80.2	151 178	35 1930
4470	8.4	56 32.94	3.7449	0.0258	35 2 0.8	13.965	0.386	80.2	181 185	35 1931
4471	9.5	8 56 33.49	+3.8638	−0.0309	+39 31 25.2	−13.966	−0.398	81.2	409 411	39 2195
4472	8.9	56 35.11	3.7398	0.0256	34 49 54.8	13.968	0.385	86.7	109 124 641 650	34 1938
4473	8.8	56 41.30	3.8505	0.0304	39 3 43.8	13.974	0.397	84.4	128 162 663	39 2196
4474	8.4	56 53.74	3.8484	0.0303	39 0 43.2	13.987	0.396	80.2	187 191	39 2197
4475	8.8	56 59.55	3.7403	0.0257	34 53 47.4	13.993	0.385	80.2	151 178 181 185	34 1939
4476	8.8	8 57 0.39	+3.7448	−0.0259	+35 4 54.1	−13.994	−0.385	81.2	385 406	35 1933
4477	9.0[3]	57 5.56	3.8764	0.0316	40 1 56.1	13.999	0.398	80.1	116 120	40 2147
4478	*8.5	57 22.75	3.8441	0.0303	38 54 49.2	14.017	0.395	81.2	397 407	38 1997
4479	6.3	57 43.69	3.7832	0.0277	36 40 37.6	14.039	0.388	80.2	151 178	36 1905
4480	8.9	57 54.22	3.8525	0.0308	39 16 52.9	14.050	0.395	82.7	5 Beob. [4]	39 2198
4481	8.1	8 57 54.50	+3.8430	−0.0303	+38 56 12.6	−14.050	−0.394	84.4	187 191 641	39 2199
4482	8.7	57 58.12	3.7466	0.0262	35 15 47.2	14.054	0.384	80.1	109 124	35 1935
4483	9.0	58 9.76	3.7872	0.0279	36 52 51.8	14.066	0.387	80.2	181 185	36 1908
4484	9.5	58 29.28	3.7615	0.0269	35 55 4.6	14.087	0.384	81.2	409 411	35 1936
4485	5.1	58 34.30	3.8412	0.0304	38 57 0.9	14.092	0.393	93.2	7 Beob. [5]	39 2200
4486	7.6	8 58 38.68	+3.8310	−0.0300	+38 35 13.0	−14.096	−0.392	81.2	385 406	38 1998
4487	8.4	58 49.39	3.7473	0.0264	35 23 23.2	14.107	0.382	80.2	109 124 151 178	35 1937
4488	6.9	58 51.78	3.8355	0.0302	38 46 38.7	14.110	0.392	80.2	187 191	38 1999
4489	8.9	58 54.61	3.8258	0.0298	38 25 33.7	14.113	0.390	81.2	397 407	38 2000
4490	9.1	58 56.93	3.7579	0.0268	35 49 44.5	14.115	0.383	93.2	641 650	35 1938
4491	9.1	8 58 57.68	+3.7833	−0.0279	+36 49 28.2	−14.116	−0.386	81.2	409 411	36 1910
4492	8.4	59 1.15	3.8464	0.0307	39 11 41.2	14.120	0.392	80.1	116 120	39 2202
4493	8.8	59 6.26	3.8177	0.0295	38 8 53.5	14.125	0.389	80.2	187 191	38 2001
4494	9.1	59 6.49	3.8575	0.0313	39 36 17.9	14.125	0.393	84.4	128 162 663	39 2203
4495	9.5	59 6.98	3.7688	0.0274	36 16 39.9	14.126	0.383	81.2	409 411	36 1911
4496	8.6	8 59 9.33	+3.7374	−0.0260	+35 1 45.6	−14.128	−0.381	80.2	181 185	35 1940
4497	9.2	59 24.58	3.7425	0.0263	35 16 11.1	14.144	0.382	80.1	109 124	35 1941
4498	8.8	59 44.88	3.7782	0.0279	36 43 11.1	14.165	0.383	80.2	151 178 181 185	36 1913
4499	8.1	59 52.05	3.8001	0.0289	37 34 34.4	14.172	0.386	80.1	116 120	37 1943
4500	9.5	9 0 36.71	3.7841	0.0283	37 3 7.1	14.218	0.383	80.2	186 193	37 1945

[1] Z. 128 162 641 650 663 [2] Z. 128 162 656 659 663 [3] Dpl. med. [4] Z. 116 120 128 162 663
[5] Z. 650; M 276 277 279 280 281 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4501	6.9	9h 0m 39s.35	+3s.7778	−0s.0280	+36° 48′ 50″.6	−14″.221	−0″.382	80.2	186 193	36° 1916
4502	9.0	0 42.35	3.7891	0.0286	37 15 28.2	14.224	0.383	86.7	171 175 656 659	37 1946
4503	8.4	0 55.33	3.7529	0.0270	35 51 54.9	14.237	0.379	80.1	136 143	35 1945
4504	8.3	0 58.22	3.7583	0.0273	36 5 20.7	14.240	0.379	80.2	171 175	36 1917
4505	9.0	1 6.24	3.7393	0.0264	35 20 21.6	14.249	0.377	80.2	150 167	35 1947
4506	8.5	9 1 42.24	+3.8043	−0.0294	+37 57 34.4	−14.285	−0.383	81.2	M 174 175	38 2004
4507	8.9	1 49.90	3.8368	0.0309	39 11 18.7	14.293	0.386	80.1	116 120	39 2210
4508	9.1	1 59.64	3.7755	0.0282	36 53 9.3	14.303	0.379	80.1	136 143	36 1920
4509	9.1	2 12.05	3.7690	0.0280	36 39 20.6	14.316	0.378	80.2	150 167	36 1921
4510	7.8	2 22.39	3.7499	0.0271	35 55 7.4	14.327	0.376	80.1	136 143	35 1949
4511	8.7	9 2 44.85	+3.8056	−0.0297	+38 8 24.4	−14.349	−0.382	84.4	128 162 663	38 2005
4512	8.8	2 50.07	3.7289	0.0263	35 7 9.1	14.355	0.374	80.3	194 197	35 1952
4513	7.9	2 50.21	3.8243	0.0306	38 51 9.8	14.355	0.383	80.1	116 120	38 2006
4514	9.4	3 2.58	3.8526	0.0319	39 55 6.5	14.368	0.385	80.2	187 191	39 2212
4515	9.2	3 33.27	3.7590	0.0278	36 25 25.1	14.399	0.375	80.2	186 193	36 1924
4516	9.0	9 3 34.18	+3.8550	−0.0321	+40 4 6.7	−14.400	−0.385	80.1	116 120	40 2170
4517	8.3	3 37.76	3.7797	0.0287	37 15 8.1	14.403	0.377	80.2	171 175	37 1948
4518	9.3	3 39.18	3.7431	0.0271	35 48 1.0	14.405	0.373	80.3	194 197	35 1954
4519	9.1	3 43.33	3.8445	0.0317	39 42 35.4	14.409	0.384	84.4	128 162 663	39 2214
4520	9.2	3 47.55	3.7514	0.0275	36 9 6.9	14.413	0.374	80.2	186 193	36 1925
4521	8.2	9 3 48.71	+3.7288	−0.0265	+35 14 8.4	−14.414	−0.372	80.1	136 143	35 1955
4522	8.5	3 50.57	3.7674	0.0282	36 47 45.2	14.416	0.375	80.9	M 82 174 175	36 1926
4523	8.9	3 59.83	3.7356	0.0268	35 32 11.6	14.426	0.372	80.2	150 167	35 1956
4524	8.7	4 6.05	3.8257	0.0309	39 3 55.7	14.432	0.381	80.2	187 191	39 2216
4525	8.6	4 8.98	3.7984	0.0297	38 2 26.5	14.435	0.378	80.2	187 191	38 2007
4526	7.4	9 4 9.13	+3.7464	−0.0273	+35 59 32.0	−14.435	−0.373	80.3	194 197	36 1930
4527	8.9	4 23.15	3.8317	0.0312	39 19 13.2	14.449	0.381	80.1	116 120	39 2217
4528	8.9	4 33.88	3.7684	0.0284	36 55 35.6	14.460	0.374	80.2	171 175	37 1950
4529	8.5	4 37.41	3.7668	0.0283	36 52 3.0	14.464	0.374	80.2	136 143 150 167	36 1932
4530	9.4	4 46.99	3.7788	0.0289	37 21 35.2	14.473	0.375	80.3	194 197	37 1952
4531	8.9	9 4 47.78	+3.7920	−0.0295	+37 52 35.7	−14.474	−0.376	84.4	128 162 663	37 1953
4532	8.9	5 27.58	3.8206	0.0310	39 2 42.5	14.514	0.378	80.1	116 120	39 2218
4533	8.4	5 41.06	3.7325	0.0270	35 37 6.7	14.528	0.369	80.1	136 143	35 1960
4534	8.4	5 47.78	3.7799	0.0292	37 31 54.2	14.535	0.374	84.4	128 162 663	37 1955
4535	9.6	6 13.18	3.7158	0.0264	34 59 36.9	14.560	0.367	80.2	186 193	35 1961
4536	9.1	9 6 26.22	+3.8312	−0.0317	+39 34 9.9	−14.573	−0.377	86.6	116 120 656 659	39 2222
4537	9.2	6 35.56	3.7451	0.0278	36 14 42.9	14.582	0.368	80.2	150 167	36 1936
4538	6.2	7 4.56	3.8170	0.0312	39 7 20.0	14.611	0.375	84.4	128 162 663	39 2223
4539	8.8	7 8.12	3.7116	0.0264	34 55 49.0	14.615	0.365	80.1	136 143	35 1963
4540	8.8	7 13.29	3.7939	0.0302	38 15 28.6	14.620	0.372	80.2	186 193	38 2013
4541	9.3	9 7 15.15	+3.8212	−0.0314	+39 18 13.2	−14.622	−0.375	80.2	187 191	39 2224
4542	7.9	7 15.83	3.8092	0.0309	38 51 2.6	14.623	0.374	80.1	116 120	38 2015
4543	9.1	7 18.01	3.7440	0.0279	36 17 23.8	14.625	0.367	80.3	171 175 194 197	36 1937
4544	7.7	7 19.53	3.7760	0.0293	37 34 33.7	14.626	0.370	80.2	187 191	37 1956
4545	7.9	7 26.88	3.7659	0.0289	37 11 27.7	14.634	0.369	80.2	171 175	37 1957
4546	8.9	9 7 31.53	+3.7458	−0.0280	+36 23 31.1	−14.638	−0.367	80.2	186 193	36 1938
4547	9.2	7 31.62	3.7338	0.0274	35 54 12.0	14.639	0.366	80.1	136 143	35 1965
4548	6.0	7 33.50	3.7155	0.0266	35 8 52.5	14.640	0.364	80.2	150 167	35 1966
4549	8.2	7 50.30	3.7474	0.0281	36 29 55.0	14.657	0.366	80.3	194 197	36 1939
4550	8.8	7 52.71	3.8063	0.0309	38 49 6.6	14.659	0.372	84.4	128 162 663	38 2017

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
4551	9.0	9h 8m 32s.49	+3s.7142	−0s.0268	+35° 13′ 0″.5	−14″.699	−0″.362	86.6	136 143 656 659	35° 1967
4552	8.8	8 51.36	3.7362	0.0278	36 10 27.1	14.718	0.364	80.2	150 167	36 1941
4553	8.5	9 2.58	3.7699	0.0294	37 33 30.2	14.729	0.367	86.6	116 120 656 659	37 1959
4554	8.2	9 11.74	3.7230	0.0273	35 40 7.8	14.738	0.362	80.1	136 143	35 1969
4555	8.8	9 39.65	3.7393	0.0281	36 24 5.2	14.765	0.363	88.9	167 656 659	36 1942
4556	7.5	9 9 46.03	+3.8235	−0.0321	+39 43 10.0	−14.772	−0.371	80.1	116 120	39 2226
4557	9.0	10 26.28	3.8011	0.0312	38 57 29.1	14.811	0.367	82.8	5 Beob. [1]	39 2227
4558	9.3	10 28.78	3.8116	0.0317	39 22 3.9	14.814	0.368	88.8	116 656 659	39 2228
4559	8.6	10 41.72	3.7913	0.0307	38 36 46.9	14.827	0.366	80.3	194 197	38 2021
4560	6.4[2]	10 43.17	3.7235	0.0276	35 53 14.6	14.828	0.359	80.1	136 143	35 1971
4561	9.2	9 10 53.41	+3.8218	−0.0323	+39 48 30.5	−14.838	−0.369	86.7 88.0	5 Beob. [3]	39 2229
4562	9.2	10 57.43	3.7684	0.0297	37 45 4.3	14.842	0.363	80.2	171 175	37 1964
4563	**4.1**	**11 3.64**	**3.7576**	**0.0292**	**37 19 48.3**	**14.848**	**0.362**		**Fund. Cat.**	**37 1965**
4564	9.2	11 7.95	3.7164	0.0274	35 38 34.9	14.852	0.358	80.2	150 167	35 1974
4565	8.5	11 11.27	3.8028	0.0314	39 7 28.8	14.856	0.366	80.2	187 191	39 2231
4566	7.0	9 11 15.98	+3.7295	−0.0280	+36 12 22.6	−14.860	−0.359	80.2	171 175	36 1943
4567	8.2	11 48.78	3.7592	0.0295	37 29 50.2	14.892	0.361	80.2	187 191	37 1967
4568	9.0	11 54.93	3.6994	0.0267	35 1 22.0	14.898	0.355	80.1	136 143	35 1975
4569	9.0	11 58.49	3.7626	0.0297	37 39 18.2	14.902	0.361	80.2	187 191	37 1968
4570	8.4	12 10.04	3.8241	0.0327	40 4 5.4	14.913	0.366	80.1	116 120	40 2190
4571	7.0	9 12 17.22	+3.7773	−0.0304	+38 16 54.6	−14.920	−0.362	80.1 84.4	128 162 663δ	38 2022
4572	9.0	12 31.00	3.7244	0.0280	36 9 31.0	14.933	0.356	80.2	150 167	36 1946
4573	8.7	12 52.02	3.7111	0.0274	35 38 44.2	14.954	0.354	80.1	136 143	35 1977
4574	6.4	13 9.17	3.7853	0.0310	38 42 58.5	14.971	0.361	80.1	116[4] 120	38 2025
4575	8.6	13 12.26	3.7484	0.0293	37 14 48.2	14.974	0.357	80.2	171[5] 175	37 1970
4576	9.4	9 13 15.59	+3.7249	−0.0282	+36 16 50.4	−14.977	−0.355	80.2	150 167	36 1947
4577	9.1	13 25.75	3.6975	0.0269	35 8 22.5	14.987	0.352	80.2	186 193	35 1978
4578	**3.3**	**13 26.12**	**3.6925**	**0.0267**	**34 55 10.8**	**14.987**	**0.352**		**Fund. Cat.**	**35 1979**
4579	9.2	13 29.58	3.6884	0.0265	34 45 10.6	14.990	0.351	80.1	136 143	34 1979
4580	9.1	13 31.60	3.8117	0.0324	39 47 8.2	14.992	0.363	86.6	116 120 656 659	39 2235
4581	7.3	9 13 32.82	+3.7050	−0.0273	+35 28 32.5	−14.993	−0.353	80.6	186 193 M 174	35 1980
4582	8.7	13 35.87	3.6930	0.0267	34 57 59.5	14.996	0.351	93.3	M 279 280 284	35 1981
4583	8.9	13 36.57	3.7599	0.0299	37 46 3.3	14.997	0.358	80.1 84.4	128 162 663δ	37 1971
4584	9.1	13 38.30	3.7237	0.0282	36 16 51.1	14.999	0.354	80.2	171 175	36 1948
4585	9.4	14 15.46	3.7088	0.0276	35 44 0.4	15.035	0.352	86.7	186 193 656 659	35 1983
4586	8.0	9 14 31.64	+3.7168	−0.0280	+36 6 29.0	−15.050	−0.352	80.2	171 175	36 1950
4587	8.9	14 36.33	3.6990	0.0272	35 21 36.9	15.055	0.350	80.1	136 143	35 1985
4588	8.7	14 37.34	3.7028	0.0274	35 31 40.4	15.056	0.350	86.7	150 167 656 659	35 1986
4589	8.6	15 23.97	3.7576	0.0302	37 55 13.9	15.101	0.354	80.1 84.4	128 162 663δ	38 2026
4590	8.6	15 29.30	3.7812	0.0313	38 52 39.1	15.106	0.357	80.2	187 191	38 2027
4591	9.0[6]	9 15 36.03	+3.8011	−0.0324	+39 40 5.6	−15.112	−0.359	80.1	116 120	39 2237
4592	8.6	15 47.02	3.7245	0.0290	36 36 28.0	15.123	0.350	80.2	150 167	36 1951
4593	9.2[7]	15 59.34	3.7814	0.0314	38 57 16.2	15.134	0.355	86.7 88.0	5 Beob. [8]	39 2238
4594	7.4	16 11.27	3.6877	0.0270	35 5 0.9	15.146	0.346	80.1	136 143	35 1989
4595	8.6	16 20.47	3.7148	0.0283	36 16 25.7	15.155	0.348	80.2	171 175	36 1952
4596	8.1	9 16 22.86	+3.6927	−0.0273	+35 19 47.4	−15.157	−0.346	80.2	150 167	35 1990
4597	8.7	16 23.52	3.7875	0.0318	39 14 58.2	15.158	0.355	80.1 84.4	128 162 663δ	39 2239
4598	8.4	16 26.23	3.7095	0.0280	36 3 32.7	15.160	0.348	80.2	186 193	36 1953
4599	9.5	16 33.16	3.6823	0.0268	34 53 49.7	15.167	0.345	87.2	656 659; M 174 175	34 1986
4600	8.6	16 34.85	3.7041	0.0279	35 51 1.3	15.168	0.347	80.2	186 193	35 1992

[1] Z. 128 162 186 193 663 [2] Dpl. 1″.5 med. [3] Z. 128 162 656 659 663δ [4] Dpl. med.
[5] Dpl. 1″ med. [6] Dpl. 4″ praec. [7] Dpl. aeq. med. [8] Z. 128 162 656 659 663δ

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4601	9.3	9h 16m 36s.32	+3s.7901	−0s.0320	+39° 23′ 2″.8	−15″.170	−0″.355	80.1	116 120	39° 2240
4602	8.9	16 37.50	3.7251	0.0289	36 44 48.7	15.171	0.349	80.3	194 197	36 1955
4603	6.7	16 38.82	3.7340	0.0293	37 7 19.5	15.172	0.349	80.2	171 175	37 1978
4604	7.8	16 42.63	3.6815	0.0268	34 52 47.6	15.176	0.345	86.7	136 143 656 659	34 1988
4605	8.9	16 53.30	3.7544	0.0303	37 59 50.3	15.186	0.351	80.2	187 191	38 2028
4606	9.3	9 17 5.36	+3.7147	−0.0284	+36 22 14.4	−15.198	−0.347	80.3	194 197	36 1957
4607	9.5	17 32.52	3.7492	0.0302	37 52 29.8	15.223	0.349	90.3 89.5	7 Beob. [1]	37 1980
4608	8.4	17 34.15	3.7471	0.0301	37 47 35.1	15.225	0.349	80.2	171 175	37 1981
4609	9.0	17 35.44	3.7032	0.0280	35 56 47.2	15.226	0.345	80.9	M 82 174 175	36 1958
4610	8.2	17 41.92	3.7277	0.0292	37 0 24.2	15.232	0.347	80.3	194 197	37 1982
4611	8.9	9 17 50.07	+3.7798	−0.0318	+39 9 8.7	−15.240	−0.352	80.1 84.4	128 162 663δ	39 2242
4612	8.2	17 52.23	3.7616	0.0309	38 25 37.2	15.242	0.350	80.2	187 191	38 2030
4613	8.4	17 54.31	3.7982	0.0328	39 53 4.4	15.244	0.353	80.1	116 120	39 2243
4614	8.1	17 57.65	3.6960	0.0278	35 41 18.3	15.246	0.344	80.1	136 143	35 1995
4615	8.3	18 5.77	3.6983	0.0279	35 48 26.5	15.255	0.343	80.2	150 167	35 1996
4616	8.5	9 18 8.61	+3.7881	−0.0323	+39 31 5.7	−15.258	−0.352	80.1 84.4	128 162 663δ	39 2244
4617	8.9	18 16.39	3.6921	0.0276	35 33 42.6	15.265	0.343	80.3	194 197	35 1997
4618	9.5	18 36.97	3.6974	0.0279	35 50 22.7	15.284	0.343	81.2	M 174 175	35 1998
4619	8.4	18 37.25	3.7067	0.0284	36 14 36.4	15.285	0.343	80.2	186 193	36 1960
4620	9.3	18 37.79	3.6809	0.0272	35 6 53.7	15.285	0.341	80.1	136 143	35 1999
4621	8.8	9 18 50.41	+3.7836	−0.0322	+39 26 56.2	−15.297	−0.350	80.1	116 120	39 2246
4622	7.2	18 57.91	3.7232	0.0292	36 59 50.1	15.304	0.344	80.2	171 175	37 1984
4623	8.7	19 14.12	3.6764	0.0271	35 0 5.8	15.319	0.340	80.2	150 167	35 2001
4624	9.1	19 34.70	3.7216	0.0293	37 1 1.5	15.338	0.343	80.2	171 175	37 1987
4625	9.3	19 37.05	3.7723	0.0318	39 6 49.7	15.341	0.348	86.6 88.0	5 Beob. [2]	39 2247
4626	9.1	9 19 52.66	+3.6799	−0.0274	+35 14 43.4	−15.356	−0.339	80.1	136 143	35 2002
4627	9.0	19 57.20	3.6837	0.0276	35 25 36.7	15.360	0.339	80.2	186 193	35 2004
4628	8.4	19 58.46	3.6818	0.0275	35 20 40.0	15.361	0.339	80.2	150 167	35 2005
4629	9.5	20 16.10	3.7866	0.0327	39 46 26.8	15.377	0.348	80.9 84.0	162 663δ; M 174 175	39 2249
4630	9.5	20 40.43	3.7603	0.0314	38 46 58.9	15.400	0.345	80.2	187 191	38 2034
4631	8.0	9 20 52.45	+3.7100	−0.0290	+36 42 9.2	−15.411	−0.340	80.1	136 143	36 1963
4632	8.5	20 59.23	3.7693	0.0320	39 11 37.2	15.418	0.345	80.1	116 120	39 2250
4633	9.3	21 0.20	3.7120	0.0291	36 48 31.5	15.419	0.339	80.2	150 167	36 1964
4634	8.9	21 14.39	3.7208	0.0296	37 12 58.8	15.432	0.340	80.2	171 175	37 1989
4635	9.2	21 42.32	3.7520	0.0313	38 35 35.7	15.458	0.342	80.1	116 120	38 2039
4636	9.4	9 21 56.00	+3.7302	−0.0302	+37 43 14.0	−15.471	−0.339	80.2	171 175	37 1990
4637	9.1	22 9.26	3.6934	0.0284	36 9 56.3	15.484	0.336	80.1	136 143	36 1965
4638	9.0	22 11.18	3.7482	0.0312	38 30 20.4	15.485	0.341	80.2	187 191	38 2040
4639	7.7	22 17.48	3.7714	0.0324	39 28 6.4	15.491	0.343	80.1 84.4	128 162 663δ	39 2252
4640	8.9	22 47.35	3.7706	0.0325	39 30 45.7	15.518	0.342	80.1	116 120	39 2254
4641	8.8	9 22 52.32	+3.6678	−0.0273	+35 7 43.9	−15.523	−0.332	80.2	150 167	35 2009
4642	8.7	22 57.29	3.6842	0.0282	35 52 37.1	15.527	0.333	80.2	186 193	35 2010
4643	9.4	23 7.52	3.7023	0.0291	36 41 55.2	15.537	0.334	88.8	194 656 659	36 1966
4644	9.5	23 7.62	3.6783	0.0279	35 38 27.9	15.537	0.332	86.7	186 193 656 659	35 2012
4645	8.8	23 11.51	3.7515	0.0316	38 47 28.5	15.540	0.339	80.1 84.4	128 162 663δ	38 2042
4646	8.3	9 23 11.59	+3.7031	−0.0291	+36 44 42.6	−15.541	−0.334	80.2	171 175	36 1967
4647	7.3	23 16.14	3.6584	0.0269	34 45 29.8	15.545	0.330	80.1	136 143	34 2000
4648	9.0	23 33.43	3.6773	0.0279	35 39 29.0	15.561	0.332	80.1	136 143	35 2013
4649	8.3	23 47.70	3.7577	0.0320	39 8 16.2	15.574	0.339	80.1	116 120	39 2255
4650	9.4[3]	23 53.39	3.7549	0.0319	39 2 36.4	15.579	0.338	80.9 84.0	162 663δ; M 174 175	39 2256

[1] Z. 186 193 656 659; M 327 [24s.5]; R(2) [2] Z. 128 162 656 659(obl.?) 663δ [3] Dpl. bor. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4651	5.4	9h 23m 55.63	+3.6761	−0.0279	+35° 39' 14.9	−15.581	−0.331	89.8	7 Beob.[1]	35° 2015
4652	7.2	24 1.99	3.7057	0.0294	36 58 39.7	15.587	0.333	80.2	171 175	37 1992
4653	9.1	24 11.85	3.6598	0.0272	34 57 16.3	15.596	0.329	80.2	150 167	35 2016
4654	8.5	24 13.53	3.7219	0.0302	37 42 32.8	15.597	0.334	80.2	187 191	37 1993
4655	9.1	24 18.06	3.7026	0.0293	36 53 11.1	15.602	0.332	80.2	150 167	36 1970
4656	9.1	9 24 19.30	+3.6616	−0.0273	+35 3 25.2	−15.603	−0.329	80.2	171 175	35 2017
4657	8.3	24 43.17	3.7225	0.0304	37 48 40.5	15.625	0.333	86.7	128 162 656 659	37 1995
4658	8.8	24 49.54	3.6604	0.0273	35 4 26.0	15.630	0.328	80.1	136 143	35 2019
4659	9.3	25 7.56	3.7600	0.0325	39 25 59.3	15.647	0.336	80.1	116 120	39 2258
4660	8.8	25 29.10	3.6924	0.0290	36 36 46.1	15.666	0.329	80.1	136 143	36 1972
4661	8.3	9 25 34.29	+3.7056	−0.0298	+37 12 21.8	−15.671	−0.330	80.2	171 175	37 1997
4662	8.6	25 44.30	3.7305	0.0312	38 18 10.2	15.680	0.332	80.2	187 191	38 2046
4663	7.0	25 49.76	3.7009	0.0295	37 2 23.7	15.685	0.329	80.2	186 193	37 1998
4664	8.8	25 58.92	3.7546	0.0324	39 20 44.0	15.694	0.334	80.1	116 120	39 2260
4665	9.0	26 5.36	3.7195	0.0305	37 53 12.6	15.700	0.330	80.2	186 193	37 1999
4666	8.7	9 26 12.73	+3.7608	−0.0328	+39 37 58.7	−15.706	−0.334	86.7 88.0	5 Beob.[2]	39 2261
4667	9.2	26 14.33	3.6959	0.0293	36 52 55.1	15.708	0.328	80.2	150 167	36 1973
4668	8.4	26 21.69	3.6976	0.0295	36 58 30.4	15.714	0.328	80.2	171 175	37 2003
4669	8.0	26 28.77	3.7615	0.0329	39 42 24.2	15.721	0.333	80.1	116 120	39 2264
4670	8.5	26 32.47	3.6954	0.0294	36 54 26.7	15.724	0.327	80.2	150 167	36 1974
4671	**4.8**	**9 26 33.64**	**+3.6964**	**−0.0295**	**+36 57 4.4**	**−15.725**	**−0.328**		**Fund. Cat.**	37 2004
4672	9.2	26 36.16	3.7296	0.0312	38 23 45.9	15.727	0.330	80.2	187 191	38 2047
4673	7.7	26 39.53	3.6608	0.0277	35 21 51.4	15.730	0.324	80.1	136 143	35 2022
4674	9.3	26 47.57	3.7430	0.0320	38 59 16.3	15.738	0.331	80.1 84.4	128 162 663δ	39 2265
4675	8.9	27 25.30	3.7061	0.0301	37 30 57.3	15.772	0.327	80.2 82.8	5 Beob.[3]	37 2005
4676	8.7	9 27 31.99	+3.7490	−0.0325	+39 21 12.6	−15.778	−0.330	80.1	116 120	39 2266
4677	9.6	27 41.59	3.7182	0.0308	38 4 41.9[4]	15.786	0.327	88.3 88.9	7 Beob.[4]	38 2049
4678	8.8	27 45.72	3.7032	0.0300	37 26 11.9	15.790	0.326	80.2	171 175	37 2006
4679	8.5	27 52.01	3.6891	0.0294	36 50 50.1	15.796	0.324	80.2	150 167	36 1977
4680	5.4	28 8.64	3.6780	0.0289	36 22 24.4	15.811	0.323	88.7[5]	11 Beob.[6]	36 1979
4681	7.5	9 28 10.37	+3.6552	−0.0277	+35 20 15.5	−15.812	−0.321	80.1	136 143	35 2026
4682	8.0	28 23.17	3.7165	0.0309	38 6 43.8	15.824	0.326	80.1	116 120	38 2052
4683	7.9	29 1.91	3.6724	0.0287	36 15 17.1	15.858	0.321	80.1	136 143	36 1981
4684	8.0	29 17.87	3.6695	0.0286	36 9 32.7	15.873	0.320	80.2	150 167	36 1982
4685	8.7	29 20.78	3.7187	0.0312	38 21 20.5	15.875	0.324	80.1 84.4	128 162 663δ	38 2053
4686	8.5	9 29 38.09	+3.7203	−0.0314	+38 28 17.9	−15.891	−0.324	80.1	116 120	38 2054
4687	9.5	30 7.53	3.7257	0.0318	38 46 54.3	15.917	0.323	80.2	155 159	38 2055
4688	8.5	30 9.78	3.6884	0.0298	37 9 16.6	15.919	0.320	80.1	136 143	37 2009
4689	8.5	30 29.24	3.7298	0.0321	39 0 47.2	15.936	0.323	80.1 84.4	128 162 663δ	39 2267
4690	9.0	30 36.73	3.6696	0.0289	36 22 30.4	15.943	0.317	80.1	136 143	36 1983
4691	7.4	9 31 54.39	+3.6529	−0.0283	+35 48 20.5	−16.011	−0.313	80.1	136 143	35 2033
4692	8.9	32 5.05	3.6669	0.0291	36 28 41.7	16.020	0.314	80.2	150 167	36 1985
4693	7.3	32 24.10	3.6533	0.0284	35 53 57.9	16.037	0.312	80.1	136 143	35 2034
4694	8.9	32 31.52	3.6621	0.0289	36 19 47.3	16.044	0.313	80.2	150 167	36 1987
4695	8.9	33 25.19	3.6298	0.0274	34 56 29.2	16.090	0.309	80.1	136 143	35 2036
4696	9.3	9 33 28.91	+3.6532	−0.0286	+36 4 0.0	−16.094	−0.311	80.2	171 175	36 1988
4697	7.3	33 37.71	3.7297	0.0328	39 31 12.2	16.101	0.317	86.7	155 159 656[7] 659[7]	39 2271
4698	8.7	33 50.40	3.6438	0.0282	35 40 44.0	16.112	0.309	80.2	150 167	35 2037
4699	7.6	34 8.52	3.6893	0.0307	37 50 3.5	16.128	0.313	80.2	171 175	37 2013
4700	8.6	34 21.45	3.6308	0.0276	35 8 32.4	16.139	0.307	80.2	186 193[8]	35 2039

[1] Z. 656 659; M 174 175 280 281 284
[2] Z. 128 162 656 659 663δ
[3] Z. 128 162 187 191 663δ
[4] Z. 186 [52".2] 194 197 656 [29".1] 659; R(2)
[5] E.B. −0".059 −0".27 (Porter)
[6] Z. 656 659; M 71 73 174 175 279 280 281 284 285
[7] Dpl. 4" seq.
[8] Dpl. 8" seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
4701	8.7	9h 34m 22s.83	+3s.7337	−0s.0332	+39° 48′ 52″.5	−16″.141	−0″.316	80.2	179 182	39° 2272
4702	8.7	34 28.33	3.6492	0.0286	36 2 8.3	16.145	0.308	80.2	171 175	36 1989
4703	9.3	34 34.98	3.6237	0.0273	34 49 59.6	16.151	0.306	80.1	136 143	34 2017
4704	9.0	34 39.15	3.7120	0.0321	38 55 20.4	16.155	0.314	80.2	155 159	39 2273
4705	9.0	34 41.65	3.7132	0.0322	38 59 0.1	16.157	0.314	88.8	182 656 659	39 2274
4706	8.2	9 34 49.04	+3.6242	−0.0274	+34 53 34.8	−16.163	−0.306	80.2	150 167	34 2019
4707	8.5	34 58.84	3.6378	0.0281	35 34 40.1	16.172	0.306	80.2	186 193	35 2041
4708	6.8	35 10.35	3.6390	0.0282	35 39 48.6	16.182	0.306	80.2	186 193	35 2042
4709	8.6	35 19.15	3.6234	0.0275	34 55 58.6	16.189	0.305	80.2	150 167	35 2043
4710	7.4	35 26.63	3.6816	0.0305	37 41 50.1	16.196	0.309	80.2	171 175	37 2016
4711	8.9	9 35 49.72	+3.6335	−0.0281	+35 30 17.5	−16.216	−0.305	80.1	136 143	35 2044
4712	9.2	36 12.29	3.7307	0.0335	39 59 43.2	16.235	0.312	80.2	155 159	40 2248
4713	8.5	36 36.16	3.7070	0.0323	39 1 48.6	16.256	0.310	80.2	155 159	39 2275
4714	7.6	36 44.47	3.6260	0.0279	35 17 33.2	16.262	0.304	80.1	136 143	35 2046
4715	9.4	37 2.57	3.6926	0.0315	38 27 38.1	16.278	0.307	88.8	182 656 659	38 2060
4716	9.1	9 37 10.93	+3.6353	−0.0284	+35 49 2.4	−16.285	−0.302	80.2	171 175	35 2047
4717	8.5	37 13.98	3.6295	0.0281	35 32 36.3	16.287	0.301	80.2	150 167	35 2048
4718	9.5	37 33.93	3.6590	0.0298	37 0 30.9	16.304	0.303	80.2	171 175	37 2018
4719	8.7	37 43.44	3.6437	0.0290	36 18 33.1	16.312	0.302	80.2	186 193	36 1992
4720	9.1	38 2.71	3.6261	0.0281	35 30 43.1	16.329	0.300	80.2	150 167	35 2049
4721	var.[1]	9 38 4.41	+3.6173	−0.0277	+35 5 6.3	−16.330	−0.299	90.1 90.9	6 Beob.[2]	35 2050
4722	8.8	38 6.10	3.6890	0.0316	38 28 45.0	16.332	0.305	80.2	155 159	38 2062
4723	9.6	38 41.95	3.6314	0.0285	35 52 50.4	16.362	0.299	91.9	5 Beob.[3]	35 2052
4724	8.5	39 27.26	3.6300	0.0286	35 56 24.8	16.400	0.297	80.1	136 143	36 1993
4725	8.5	39 32.54	3.6099	0.0275	34 57 40.1	16.404	0.296	80.1	136 143	35 2054
4726	9.1	9 39 32.96	+3.6267	−0.0285	+35 47 39.8	−16.405	−0.297	80.2	171 175	35 2055
4727	9.3	39 33.64	3.6206	0.0281	35 29 41.6	16.405	0.296	80.2	150 167	35 2056
4728	8.8	39 48.03	3.7092	0.0332	39 40 45.0	16.417	0.304	80.2	155 159	39 2277
4729	8.5	40 4.89	3.6686	0.0309	37 53 5.5	16.432	0.300	80.2	171 175	37 2019
4730	8.6	40 21.68	3.6738	0.0312	38 10 22.5	16.446	0.300	80.2	179 182	38 2067
4731	9.5	9 40 38.70	+3.6797	−0.0316	+38 29 46.9	−16.460	−0.300	80.2	155 159	38 2068
4732	9.1	40 39.72	3.6070	0.0276	35 0 15.0	16.461	0.294	80.1	136 143	35 2059
4733	9.2	41 4.00	3.6413	0.0295	36 45 47.2	16.481	0.295	80.2	150 167	36 1994
4734	8.7	41 17.47	3.6315	0.0291	36 19 21.3	16.492	0.294	80.2	171 175	36 1995
4735	8.1	41 35.53	3.6466	0.0299	37 6 39.9	16.507	0.295	80.2	179 182	37 2021
4736	9.0	9 41 40.58	+3.6420	−0.0297	+36 54 5.2	−16.511	−0.294	80.1	136 143	36 1998
4737	9.0	41 47.46	3.7027	0.0333	39 44 31.2	16.517	0.299	80.2	155 159	39 2278
4738	8.7	41 51.22	3.6250	0.0288	36 6 5.7	16.520	0.292	80.2	150 167	36 1999
4739	7.3	41 54.32	3.6500	0.0302	37 19 39.6	16.523	0.294	80.2	171 175	37 2022
4740	7.2	42 50.54	3.6287	0.0292	36 27 21.5	16.569	0.291	80.2	150 167	36 2001
4741	9.4	9 43 4.82	+3.6244	−0.0290	+36 17 10.8	−16.580	−0.290	88.8	171 656 659	36 2002
4742	9.3	43 21.29	3.6019	0.0278	35 12 12.0	16.594	0.288	80.1	136 143	35 2065
4743	7.2	43 37.86	3.6384	0.0299	37 4 21.3	16.608	0.290	80.1	136 143	37 2023
4744	9.3	43 44.22	3.6612	0.0313	38 11 15.4	16.613	0.292	80.2	171 175	38 2075
4745	9.1	43 55.20	3.6341	0.0297	36 54 39.9	16.622	0.289	80.2	150 167	37 2024
4746	9.2	9 43 58.29	+3.6782	−0.0324	+39 1 16.6	−16.624	−0.293	80.2	155 159	39 2280
4747	9.0	44 3.25	3.6885	0.0330	39 30 27.3	16.628	0.294	80.2	179 182	39 2281
4748	7.7	44 45.52	3.6306	0.0297	36 53 19.0	16.663	0.287	80.2	150 167	36 2004
4749	6.7	44 46.69	3.6639	0.0317	38 29 59.4	16.664	0.290	80.2	179 182	38 2076
4750	9.2	44 50.34	3.6193	0.0291	36 20 39.3	16.667	0.286	80.2	171 175	36 2005

[1] R Leonis minoris; Gr. bei den Beob. 1893 = 9.6 (M 1 Gr. nicht not.)

[2] Z. 659; M 1 280δ 281 284 285

[3] Z. 193 659; M327; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4751	7.2	9h 45m 0s.78	+3s.6140	−0s.0288	+36° 6′ 34″.3	−16″.675	−0″.285	80.2	171 175	36° 2006
4752	8.0	45 7.80	3.6055	0.0284	35 42 4.8	16.681	0.285	90.3[1]	9 Beob.[2]	35 2068
4753	9.4	45 23.21	3.6790	0.0328	39 19 6.3	16.693	0.290	80.2	155 159	39 2282
4754	8.8	45 27.90	3.6919	0.0336	39 55 16.6	16.697	0.291	80.2	155 159	40 2270
4755	6.8	46 9.55	3.5994	0.0282	35 34 15.8	16.731	0.282	80.1	136 143	35 2073
4756	9.2	9 46 34.87	+3.6228	−0.0297	+36 49 55.2	−16.751	−0.283	80.2	150 167	36 2008
4757	8.7	46 44.67	3.6776	0.0330	39 30 7.3	16.759	0.288	86.7	155 159 656 659	39 2287
4758	9.0	46 55.23	3.6467	0.0312	38 4 13.7	16.767	0.284	80.2	171 175	38 2078
4759	8.5	47 1.18	3.5923	0.0280	35 21 37.7	16.772	0.280	80.1	136 143	35 2077
4760	8.2	47 5.94	3.6806	0.0333	39 42 32.2	16.776	0.287	80.2	186 193	39 2288
4761	8.9	9 47 10.66	+3.5886	−0.0278	+35 11 26.3	−16.780	−0.279	80.2	150 167	35 2078
4762	8.5	47 18.48	3.6438	0.0311	38 0 13.6	16.786	0.283	80.2	186 193	38 2079
4763	9.5	47 23.93	3.6523	0.0316	38 25 46.4	16.790	0.284	80.3	194 197	38 2080
4764	8.7	47 25.74	3.6820	0.0335	39 50 10.6	16.792	0.287	80.2	155 159 179 182	39 2289
4765	9.7	47 30.29	3.5808	0.0274	34 50 38.5	16.795	0.278	93.2 92.9	9 Beob.[3]	34 2049
4766	8.8	9 47 45.86	+3.6530	−0.0318	+38 32 3.1	−16.808	−0.283	80.2	186 193	38 2082
4767	9.0	48 4.38	3.5928	0.0282	35 34 26.8	16.822	0.278	80.1	136 143	35 2080
4768	8.7	48 14.35	3.6358	0.0308	37 47 11.3	16.830	0.281	80.2	171 175	37 2027
4769	8.2	48 24.35	3.6534	0.0320	38 40 21.6	16.838	0.282	80.2	179 182	38 2083
4770	9.4	48 33.22	3.6154	0.0297	36 49 23.2	16.845	0.279	86.7	186 193 656 659	36 2011
4771	9.1	9 48 54.55	+3.6214	−0.0301	+37 11 43.8	−16.862	−0.279	80.2	150 167	37 2028
4772	7.8	48 54.69	3.5965	0.0286	35 55 14.3	16.862	0.276	80.1	136 143	36 2012
4773	8.7	49 11.35	3.6691	0.0331	39 34 10.1	16.875	0.282	80.2	155 159	39 2292
4774	8.5	49 17.32	3.6235	0.0303	37 22 12.6	16.880	0.278	80.2	171 176 194	37 2029
4775	8.8	49 31.11	3.6485	0.0319	38 38 50.0	16.891	0.279	80.2	155 159	38 2085
4776	8.8	9 49 48.66	+3.6109	−0.0297	+36 49 49.0	−16.905	−0.276	80.2	150 167	36 2013
4777	8.7	49 59.15	3.5896	0.0284	35 45 29.9	16.913	0.274	80.1	136 143	35 2084
4778	7.2	50 23.53	3.5874	0.0284	35 43 5.4	16.932	0.273	80.1	136 143	35 2086
4779	9.5	50 24.81	3.5749	0.0277	35 3 33.1	16.933	0.272	86.7	186 193 656 659	35 2088
4780	8.1	50 33.01	3.6628	0.0331	39 31 50.4	16.940	0.279	80.2	155 159	39 2295
4781	9.2	9 51 7.25	+3.5842	−0.0284	+35 41 19.2	−16.966	−0.271	80.2	186 193	35 2089
4782	8.9	51 7.81	3.6595	0.0330	39 29 7.7	16.967	0.277	80.2	155 159	39 2298
4783	9.0	51 27.42	3.6225	0.0308	37 44 0.0	16.982	0.274	81.2	M 174 175	37 2031
4784	9.0	51 46.86	3.6340	0.0316	38 22 7.5	16.997	0.274	80.2	171 175	38 2090
4785	9.3	51 49.47	3.6284	0.0312	38 5 43.1	16.999	0.273	80.2	179 182	38 2091
4786	8.6	9 52 10.30	+3.6495	−0.0327	+39 12 28.4	−17.015	−0.274	80.2	186 193	39 2299
4787	9.0	52 11.93	3.6537	0.0329	39 24 54.6	17.016	0.275	88.9	159 656 659	39 2300
4788	8.7	52 26.35	3.6182	0.0307	37 42 19.4	17.027	0.271	80.2	171 175	37 2035
4789	9.5	52 53.60	3.6024	0.0298	36 58 39.5	17.048	0.269	80.2	150 167	37 2036
4790	9.2	53 10.26	3.5905	0.0292	36 24 32.0	17.061	0.268	80.1	136 143	36 2017
4791	9.1	9 53 51.10	+3.6131	−0.0307	+37 43 20.1	−17.092	−0.268	80.2	171 175	37 2037
4792	8.6	53 52.36	3.5662	0.0279	35 14 24.0	17.093	0.265	80.1	136 143	35 2094
4793	7.9	54 5.56	3.6004	0.0300	37 6 43.6	17.103	0.267	80.2	150 167	37 2038
4794	8.3	54 25.78	3.6231	0.0315	38 20 40.6	17.120	0.268	80.2	179 182	38 2093
4795	8.9	54 32.26	3.6518	0.0334	39 47 25.4	17.124	0.270	80.2	155 159	39 2301
4796	8.5	9 55 0.15	+3.6065	−0.0306	+37 36 25.3	−17.145	−0.265	80.2	171 175	37 2041
4797	8.6	55 14.36	3.6458	0.0332	39 38 13.7	17.155	0.268	80.2	155 159	39 2302
4798	8.0	55 21.11	3.6499	0.0334	39 51 50.5	17.161	0.268	80.2	179 182	39 2303
4799	8.0	55 25.86	3.6221	0.0317	38 29 40.8	17.164	0.266	80.2	186 193	38 2094
4800	7.8	55 27.52	3.6364	0.0326	39 12 57.3	17.165	0.267	80.2	186 193	39 2304

[1] E.B. +0s.021 −0″.13 (Porter) [2] Z. 136 143 656 659; M 279 280 281 284 285 [3] Z. 194 656 659; M327; R(5a, 4δ)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4801	7.8	9h 55m 30s.74	+3s.6504	−0s.0335	+39° 55′ 5″.7	−17″.168	−0″.268	80.2	155 159	39° 2305
4802	8.7	55 38.43	3.6011	0.0304	37 27 16.2	17.174	0.264	80.2	150 167	37 2042
4803	8.9	55 45.82	3.5937	0.0300	37 5 26.6	17.179	0.263	80.2	171 175	37 2043
4804	8.6	56 9.55	3.5823	0.0294	36 33 24.7	17.197	0.261	80.1	136 143	36 2022
4805	9.2	56 19.44	3.6110	0.0312	38 6 30.1	17.204	0.263	80.2	179 182	38 2095
4806	8.2	9 56 21.25	+3.6315	−0.0325	+39 9 20.0	−17.206	−0.265	80.2	155 159	39 2308
4807	8.4	56 22.27	3.5833	0.0295	36 39 16.8	17.207	0.261	80.2	186 193	36 2023
4808	6.8	56 24.37	3.6208	0.0318	38 37 37.8	17.208	0.264	90.4[1]	9 Beob.[2]	38 2096
4809	9.0	56 36.74	3.5817	0.0294	36 37 8.5	17.216	0.260	80.2	171 175	36 2024
4810	8.7	56 57.83	3.5528	0.0277	35 6 6.8	17.233	0.258	80.1	136 143	35 2098
4811	8.8	9 57 11.56	+3.5628	−0.0284	+35 42 28.7	−17.243	−0.258	80.2	150 167	35 2099
4812	9.2	57 13.95	3.6300	0.0327	39 15 37.9	17.245	0.263	80.2	179 182	39 2309
4813	8.4	57 49.80	3.6079	0.0313	38 15 1.7	17.272	0.260	80.2	155 159	38 2098
4814	9.3	57 49.96	3.5704	0.0290	36 14 54.2	17.272	0.257	80.2	171 175	36 2025
4815	9.3	58 4.07	3.5736	0.0292	36 28 25.9	17.282	0.257	80.2	186 193	36 2026
4816	7.7	9 58 15.18	+3.5517	−0.0279	+35 17 46.3	−17.291	−0.255	80.2	150 167	35 2101
4817	7.7	58 26.88	3.5566	0.0283	35 36 33.9	17.299	0.255	79.8	1 187*	35 2102
4818	8.3	58 31.59	3.5430	0.0274	34 51 35.1	17.303	0.254	80.1	136 143	34 2080
4819	8.1	58 31.95	3.5421	0.0274	34 48 31.0	17.303	0.254	80.1	136 143	34 2079
4820	9.2	58 38.77	3.5961	0.0308	37 48 1.2	17.308	0.257	80.2	171 175	37 2049
4821	9.1	9 58 58.65	+3.5537	−0.0282	+35 33 14.1	−17.323	−0.255	80.3	194 197	35 2105
4822	8.8	59 12.19	3.6038	0.0314	38 19 27.7	17.333	0.257	80.2	155 159	38 2102
4823	8.6	59 26.05	3.5416	0.0276	34 57 44.3	17.343	0.252	88.9	187* 656 659	35 2106
4824	7.9	59 32.02	3.6084	0.0318	38 37 55.3	17.347	0.257	80.2	179 182	38 2103
4825	8.4	59 33.77	3.5992	0.0312	38 9 25.4	17.348	0.256	80.2	171 175	38 2104
4826	8.7	9 59 38.40	+3.5544	−0.0284	+35 43 44.7	−17.352	−0.253	80.1	136 143 150 167	35 2108
4827	7.8	59 54.36	3.6120	0.0322	38 54 15.1	17.363	0.256	80.2	155 159	39 2313
4828	4.8	10 0 3.17	3.5551	0.0285	35 51 10.7	17.370	0.252	85.9	12 Beob.[3]	35 2110
4829	8.5	0 9.54	3.6179	0.0326	39 15 30.7	17.374	0.256	80.2	179 182	39 2314
4830	9.5	0 33.50	3.5592	0.0289	36 11 18.0	17.392	0.251	80.3	195 198	36 2029
4831	8.9	10 0 48.35	+3.6175	−0.0328	+39 22 29.0	−17.403	−0.255	80.2	155 159	39 2316
4832	9.1	0 55.17	3.5536	0.0286	35 56 48.6	17.408	0.250	80.2	188 192	36 2030
4833	8.8	0 59.84	3.5701	0.0297	36 53 13.8	17.411	0.251	80.3	201 204	36 2031
4834	8.9	1 2.42	3.5883	0.0309	37 53 20.1	17.413	0.253	80.3	201 204	37 2051
4835	9.2	1 13.88	3.5566	0.0289	36 10 43.3	17.421	0.250	80.3	195 198	36 2033
4836	7.2	10 1 24.34	+3.5328	−0.0274	+34 51 16.1	−17.429	−0.248	86.5	1 163 665 668	34 2089
4837	9.0	1 27.27	3.5367	0.0277	35 5 14.9	17.431	0.248	79.8	1 163	35 2112
4838	8.7	1 47.85	3.5685	0.0298	36 58 1.7	17.446	0.249	80.2	188 192	37 2053
4839	6.9	1 51.14	3.6068	0.0323	39 2 34.7	17.448	0.252	80.2	155 159	39 2318
4840	8.5	2 9.96	3.6003	0.0320	38 46 4.9	17.461	0.251	80.2	179 182	38 2106
4841	8.5	10 2 50.95	+3.6023	−0.0323	+39 1 32.8	−17.491	−0.249	80.2	179 182	39 2321
4842	8.4	3 19.93	3.6187	0.0335	39 59 8.1	17.511	0.249	80.2	155 159	40 2295
4843	8.9	3 31.95	3.5292	0.0276	35 5 6.5	17.520	0.243	88.8	163 665 668	35 2113
4844	7.4	3 32.84	3.5639	0.0298	37 4 53.7	17.521	0.245	79.8	1 163	37 2058
4845	9.2	3 41.49	3.5314	0.0278	35 14 55.4	17.527	0.243	80.2	188 192	35 2114
4846	9.2	10 3 46.90	+3.5523	−0.0291	+36 28 41.2	−17.531	−0.244	80.3	195 198	36 2042
4847	5.8	3 48.01	3.5797	0.0309	38 0 59.8	17.531	0.245	85.5	13 Beob.[4]	38 2110
4848	9.2	3 52.91	3.5271	0.0276	35 1 55.0	17.535	0.242	80.0	1 195 198	35 2116
4849	9.2	4 24.30	3.5602	0.0298	37 3 44.2	17.557	0.243	80.2	179 182	37 2059
4850	7.4	4 38.11	3.5558	0.0296	36 51 57.7	17.567	0.243	80.2	188 192	36 2044

[1] E.B. −0s.012 −0″.14 (Porter) [2] Z. 194 197 656 659; M 279 280 281 284 285 [3] Z. 665 668; M 61 69 76 90 91 174 175 279 284 285 [4] Z. 155 159 665 668; M 82 83 90 91 174 175 279 284 285

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4851	8.2	$10^h\ 5^m\ 10^s.30$	$+3^s.5613$	$-0^s.0300$	+37° 17′ 27″.4	−17″.589	−0″.242	80.2	188 192	37° 2061
4852	9.2	5 14.50	3.5358	0.0285	35 50 20.6	17.592	0.240	86.5	1 163 665 668	35 2117
4853	9.1	5 23.14	3.5985	0.0327	39 22 59.1	17.598	0.244	80.2	179 182	39 2325
4854	9.2	5 25.25	3.6099	0.0335	39 59 29.3	17.600	0.245	80.2	155 159	40 2301
4855	8.7	5 41.74	3.5907	0.0322	39 2 10.2	17.611	0.243	80.2	179 182	39 2326
4856	9.3	10 6 11.80	+3.5775	−0.0314	+38 25 38.0	−17.632	−0.241	80.2	179 182	38 2116
4857	8.7	6 14.77	3.5512	0.0296	36 57 3.9	17.634	0.239	79.8	1 163	37 2062
4858	8.7	6 15.78	3.6056	0.0334	39 57 22.5	17.635	0.243	80.2	155 159	40 2305
4859	9.3	6 50.80	3.5272	0.0282	35 40 42.0	17.659	0.236	79.8	1 163	35 2120
4860	9.1	7 3.25	3.6037	0.0334	40 2 22.5	17.668	0.241	88.8	155 665 668	40 2306
4861	8.8	10 7 6.93	+3.5405	−0.0291	+36 31 27.3	−17.670	−0.237	80.2	163 188 192	36 2046
4862	9.0	7 20.38	3.5395	0.0291	36 31 10.8	17.680	0.236	93.2	665 668	36 2047
4863	8.1	7 20.97	3.5754	0.0316	38 34 5.6	17.680	0.239	80.2	179 182	38 2117
4864	9.4	7 35.85	3.5601	0.0306	37 45 48.1	17.690	0.237	80.3	195 198	37 2063
4865	9.3	7 57.44	3.5760	0.0318	38 44 26.7	17.705	0.237	80.2	155 159	38 2119
4866	9.0	10 7 59.35	+3.5556	−0.0304	+37 35 51.9	−17.706	−0.236	80.2	188 192	37 2064
4867	9.2	8 21.13	3.5742	0.0318	38 44 4.9	17.721	0.237	80.2	155 159	38 2120
4868	7.3	8 51.78	3.5215	0.0283	35 47 10.0	17.742	0.230	80.2	188 192	35 2122
4869	8.6	8 56.36	3.5087	0.0272	35 1 21.1	17.745	0.230	79.8	1 163	35 2123
4870	8.6	9 37.35	3.5762	0.0323	39 8 27.2	17.773	0.234	80.2	155 159	39 2331
4871	9.0	10 9 38.45	+3.5876	−0.0331	+39 46 9.5	−17.774	−0.235	80.2	179 182	39 2333
4872	9.2	10 4.00[1]	3.5631	0.0315	38 30 14.4	17.791	0.232	88.8 86.5	1 163 665 668	38 2121
4873	9.5	10 40.25	3.5686	0.0320	38 57 39.8	17.815	0.231	86.8	195 198 665 668	39 2334
4874	9.5	10 46.97	3.5172	0.0284	35 57 43.0	17.820	0.227	86.5	1 163 665 668	36 2053
4875	8.9	10 47.91	3.5766	0.0327	39 26 20.8	17.820	0.232	80.2	179 182	39 2335
4876	8.5	10 10 48.62	+3.5774	−0.0327	+39 29 16.1	−17.821	−0.232	80.3	201 204	39 2336
4877	8.4	11 0.48	3.5528	0.0309	38 7 58.1	17.829	0.230	80.3	195 198	38 2125
4878	8.7	11 10.16	3.5804	0.0330	39 44 7.6	17.835	0.232	80.2	179 182	39 2337
4879	8.3	11 21.13	3.5832	0.0333	39 56 10.6	17.843	0.231	80.2	155 159	40 2313
4880	8.9	12 0.69	3.5369	0.0301	37 26 10.7	17.869	0.227	79.8	1 163	37 2065
4881	9.5	10 13 46.03	+3.5388	−0.0307	+37 58 15.0	−17.938	−0.224	80.2	155 159	38 2129
4882	9.0	13 58.67	3.5086	0.0286	36 10 42.8	17.946	0.221	79.8	1 163	36 2058
4883	9.1	14 25.74	3.5227	0.0297	37 9 36.8	17.964	0.221	86.5	1 163 665 668	37 2070
4884	8.2	14 39.53	3.5543	0.0321	39 6 15.6	17.973	0.222	80.2	155 159	39 2339
4885	9.2	15 7.96	3.5476	0.0317	38 49 45.6	17.991	0.221	80.2	155 159	38 2131
4886	9.2	10 15 16.49	+3.5629	−0.0329	+39 45 16.4	−17.997	−0.221	80.2	179 182	39 2340
4887	9.6	15 42.20	3.4806	0.0270	34 47 42.0[2]	18.013	0.215	94.5 94.8	5 Beob.[3]	34 2119[3]
4888	*9.5	15 50.86	3.4797	0.0270	34 46 24.1	18.019	0.215	95.4	R(2)	— —
4889	7.6	15 50.88	3.4962	0.0282	35 50 53.0	18.019	0.216	90.1	192; M 279 285 286	35 2130
4890	9.1	15 56.38	3.4914	0.0279	35 33 24.1	18.022	0.215	80.0	1 163 195 198	35 2131
4891	9.5	10 15 58.76	+3.4917	−0.0279	+35 35 3.9	−18.024	−0.215	93.2	665 668	35 2132
4892	7.5	16 42.78	3.5551	0.0327	39 40 3.5	18.052	0.218	80.2	155 159	39 2344
4893	8.6	16 43.79	3.5559	0.0327	39 42 50.3	18.053	0.218	80.2	179 182	39 2345
4894	6.9	16 53.73	3.4767	0.0270	34 49 31.0	18.059	0.213	79.9	1 163 188	34 2122
4895	8.5	16 56.77	3.5387	0.0315	38 45 25.5	18.061	0.217	80.3	195 198	38 2134
4896	6.8	10 17 9.93	+3.4754	−0.0270	+34 48 31.6	−18.069	−0.212	88.8	192 665 668	34 2124
4897	9.0	17 19.27	3.5303	0.0310	38 20 33.9	18.075	0.215	80.3	195 198	38 2135
4898	8.8	17 24.91	3.4871	0.0279	35 38 20.7	18.079	0.212	79.8	1 163	35 2136
4899	8.7	17 36.28	3.5520	0.0327	39 42 39.3	18.086	0.216	80.2	155 159	39 2347
4900	8.6	17 41.96	3.5339	0.0314	38 39 15.2	18.089	0.215	80.3	201 204	38 2136

[1] Z. 1 [$3^s.27$] [2] Z. 665 668 [50″.1]; M 327; R(2) [3] BD *a* $7^s.7$ zu gross

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec	Ep.	Zonen	B.D.
4901	9.1	$10^h\ 17^m\ 43^s.06$	$+3^s.4789$	$-0^s.0274$	+35° 10′ 30″.2	−18″.090	−0″.211	80.2	188 192	35° 2137
4902	9.1	18 3.08	3.5504	0.0327	39 43 48.3	18.103	0.215	80.2	179 182	39 2348
4903	8.7	18 7.20	3.5160	0.0302	37 39 44.7	18.105	0.213	86.7	201 204 665 668	37 2075
4904	6.6	18 15.36	3.5024	0.0291	36 50 19.5	18.110	0.212	80.3	195 198	36 2064
4905	8.7	18 16.03	3.5115	0.0298	37 24 59.1	18.111	0.212	80.3	201 204	37 2076
4906	6.3	10 18 32.07	+3.4893	−0.0283	+36 3 39.7	−18.121	−0.210	79.8	1 163	36 2065
4907	7.0	18 41.36	3.5505	0.0328	39 54 6.7	18.127	0.213	80.2	155 159	40 2327
4908	8.9	18 44.35	3.5273	0.0312	38 31 8.5	18.128	0.212	80.2	179 182	38 2139
4909	9.1	19 5.76	3.5236	0.0310	38 23 13.7	18.142	0.211	80.3	195 198	38 2140
4910	8.4	19 13.67	3.4989	0.0292	36 51 45.0	18.147	0.210	80.2	188 192	36 2068
4911	9.2	10 19 22.89	+3.4932	−0.0288	+36 31 46.6	−18.152	−0.209	80.2	188 192	36 2069
4912	8.4	19 46.40	3.5000	0.0294	37 3 59.5	18.167	0.209	79.8	1 163	37 2078
4913	9.1	19 56.35	3.5187	0.0309	38 18 5.5	18.173	0.209	80.2	179 182	38 2141
4914	9.0	20 13.22	3.4907	0.0288	36 34 53.2	18.183	0.207	80.2	188 192	36 2070
4915	8.1	20 14.20	3.5448	0.0330	39 58 10.4	18.184	0.210	80.2	155 159	40 2329
4916	8.7	10 20 37.98	+3.5375	−0.0325	+39 38 22.0	−18.199	−0.209	80.2	155 159	39 2350
4917	**4.3**	**20 39.01**	**3.5008**	**0.0297**	**37 20 49.0**	**18.199**	**0.207**		**Fund. Cat.**	**37 2080**
4918	9.1	21 1.64	3.4669	0.0273	35 11 36.4	18.213	0.204	79.8	1 163	35 2145
4919	9.2	21 25.40	3.5204	0.0314	38 47 45.3	18.228	0.207	80.2	179 182	38 2142
4920	9.0	21 27.39	3.4985	0.0297	37 24 35.2	18.229	0.205	80.3	195 198	37 2082
4921	8.0	10 21 41.07	+3.4693	−0.0276	+35 31 31.0	−18.237	−0.203	79.9	1 188 192	35 2146
4922	8.4	21 47.45	3.4685	0.0276	35 30 6.9	18.241	0.202	88.8	163 665 668	35 2147
4923	9.1	21 53.54	3.5031	0.0302	37 49 20.9	18.245	0.204	80.3	195 198	37 2083
4924	8.4	22 0.23	3.4826	0.0287	36 30 30.1	18.249	0.203	80.3	201 204	36 2074
4925	9.2	22 2.56	3.5143	0.0311	38 34 42.5	18.250	0.205	81.2	M 174 175[1]	38 2143
4926	9.0	10 22 12.76	+3.4948	−0.0297	+37 22 11.2	−18.256	−0.203	80.3	195 198	37 2084
4927	9.2	22 19.11	3.5135	0.0311	38 35 58.3	18.260	0.204	81.2	M 174[1] 175	38 2144
4928	9.0	22 21.61	3.5240	0.0319	39 16 16.4	18.262	0.205	80.2	179 182	39 2355
4929	9.1	22 24.19	3.5358	0.0329	40 0 25.3	18.263	0.204	80.2	155 159	40 2337
4930	8.4	22 34.44	3.4650	0.0275	35 27 58.1	18.269	0.201	79.8	1 163	35 2148
4931	9.1	10 22 47.80	+3.4817	−0.0288	+36 39 37.3	−18.277	−0.200	80.3	201 204	36 2075
4932	6.0	22 48.36	3.5268	0.0323	39 33 51.4	18.278	0.204	80.2	155 159	39 2357
4933	9.3	22 52.57	3.4669	0.0277	35 40 26.7	18.280	0.200	80.2	188 192	35 2149
4934	8.0	22 59.23	3.5070	0.0308	38 22 3.5	18.284	0.202	80.2	179 182	38 2147
4935	8.8	23 2.06	3.4895	0.0295	37 14 29.6	18.286	0.201	80.3	201 204	37 2086
4936	8.1	10 23 20.85	+3.4948	−0.0300	+37 40 28.9	−18.297	−0.201	80.3	195 198	37 2087
4937	5.3	23 23.34	3.4832	0.0291	36 54 55.0	18.299	0.200	81.2	M 174 175	37 2088
4938	9.4	23 23.69	3.5089	0.0311	38 36 1.4	18.299	0.202	87.2	665 668; M 174 175	38 2150
4939	9.1	23 26.73	3.4806	0.0290	36 45 34.6	18.301	0.200	79.8	1 163	36 2077
4940	8.7	23 37.36	3.4853	0.0293	37 7 9.7	18.307	0.200	80.3	201 204	37 2089
4941	8.7	10 23 43.16	+3.4510	−0.0267	+34 46 58.3	−18.310	−0.197	93.2	665 668	34 2135
4942	8.2	23 44.82	3.5242	0.0324	39 39 43.9	18.311	0.201	80.2	155 159	39 2359
4943	8.9	24 0.13	3.4935	0.0300	37 45 52.2	18.321	0.200	80.3	195 198	37 2090
4944	8.7	24 9.82	3.4849	0.0294	37 14 6.0	18.326	0.199	87.2	665 668; M 174 175	37 2091
4945	9.1	24 17.56	3.5216	0.0323	39 38 50.4	18.331	0.200	80.2	179 182	39 2360
4946	9.0	10 24 26.71	+3.4781	−0.0289	+36 51 12.0	−18.337	−0.198	80.2	188 192	36 2080
4947	8.8	24 32.31	3.5101	0.0315	38 59 28.9	18.340	0.200	80.2	155 159	39 2361
4948	9.0	24 55.75	3.4766	0.0290	36 53 10.2	18.353	0.196	80.2	188 192	36 2081
4949	9.1	25 1.24	3.4580	0.0276	35 37 32.1	18.357	0.195	79.8	1 163	35 2151
4950	9.1	25 31.23	3.4765	0.0291	37 2 19.0	18.374	0.196	80.2	179 182	37 2094

[1] Dpl. bor. seq. (die ohne Zweifel auf denselben Stern bezügliche Bemerkung steht 1881 März 26 bei 38° 2144, März 27 bei 38° 2143)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4951	8.7	10^h 25^m $47^s.22$	$+3^s.4607$	$-0^s.0280$	+36° 1′ 29″.2	−18″.384	−0″.194	80.2	188 192	36° 2082
4952	9.2	25 51.15	3.4482	0.0271	35 9 22.7	18.386	0.192	79.8	1 163	35 2153
4953	7.4	25 51.56	3.5181	0.0325	39 51 53.7	18.386	0.196	80.2	155 159	39 2363
4954	9.1[1]	26 2.89	3.4933	0.0306	38 19 6.0	18.393	0.195	80.2	179 182	38 2152
4955	8.8	26 20.09	3.4762	0.0293	37 14 35.4	18.403	0.194	80.3	195 198	37 2095
4956	5.7	10 26 21.76	+3.4530	−0.0275	+35 37 54.4	−18.404	−0.192	87.7	9 Beob.[2]	35 2154
4957	8.9	26 38.29	3.4948	0.0309	38 34 59.2	18.413	0.194	80.2	179 182	38 2153
4958	9.4	26 42.95	3.5157	0.0326	39 57 38.7	18.416	0.195	93.2	665 668	40 2346
4959	9.3	26 47.55	3.4486	0.0273	35 26 9.1	18.419	0.190	79.8	1 163	35 2155
4960	9.3	26 57.56	3.5021	0.0314	39 9 16.0	18.424	0.194	80.2	155 159	39 2364
4961	9.2	10 26 59.24	+3.4946	−0.0310	+38 40 2.3	−18.425	−0.194	80.3	195 198	38 2154
4962	9.0	27 28.32	3.4445	0.0272	35 19 41.2	18.442	0.189	80.2	188 192	35 2156
4963	9.6	27 47.10[3]	3.4940	0.0311	38 51 12.1[3]	18.453	0.192	92.5 91.9	7 Beob.[3]	38 2156
4964	8.7	27 53.92	3.4604	0.0285	36 34 58.6	18.457	0.189	80.3	195 198	36 2084
4965	9.0	27 54.15	3.4491	0.0276	35 46 39.8	18.457	0.188	93.2	665 668	35 2158
4966	9.1	10 27 57.14	+3.4488	−0.0276	+35 46 31.0	−18.458	−0.188	80.0	1 163 188 192	35 2159
4967	8.9	27 57.93	3.4574	0.0283	36 23 40.8	18.459	0.189	80.3	201 204	36 2085
4968	9.1	28 34.40	3.4623	0.0289	36 54 39.1	18.480	0.188	80.3	195 198	37 2098
4969	7.6	28 37.18	3.4952	0.0315	39 10 37.4	18.481	0.190	80.2	155 159	39 2366
4970	8.1	28 45.15	3.4711	0.0296	37 34 51.3	18.486	0.188	80.2	179 182	37 2099
4971	9.2	10 29 10.45	+3.4498	−0.0280	+36 11 18.6	−18.500	−0.186	80.3	201 204	36 2089
4972	6.3	29 10.78	3.4608	0.0288	36 58 27.7	18.500	0.187	81.2	M 174 175	37 2100
4973	8.6	29 14.67	3.4438	0.0276	35 46 17.5	18.502	0.185	80.2	188 192	35 2161
4974	8.2	29 15.80	3.4406	0.0273	35 32 42.1	18.503	0.185	79.8	1 163	35 2162
4975	9.2	29 20.32	3.4824	0.0307	38 31 17.2	18.506	0.188	81.2	M 174 175	38 2159
4976	8.9	10 29 31.13	+3.4739	−0.0300	+37 59 40.2	−18.512	−0.187	80.2	155 159	38 2160
4977	8.5	29 37.83	3.4510	0.0283	36 24 13.8	18.515	0.185	80.3	195 198	36 2092
4978	8.8	29 38.82	3.4385	0.0273	35 30 0.2	18.516	0.185	79.8	1 163	35 2164
4979	7.9	29 54.30	3.4706	0.0299	37 52 32.4	18.525	0.186	80.3	179 182 201 204	37 2102
4980	9.2	30 1.39	3.4412	0.0276	35 48 9.8	18.528	0.184	80.2	188 192	35 2165
4981	8.8	10 30 11.13	+3.4462	−0.0280	+36 13 10.4	−18.534	−0.184	80.3	195 198	36 2093
4982	8.8	30 26.74	3.4342	0.0271	35 24 24.3	18.543	0.182	86.7	201 204 665 668	35 2166
4983	8.7	30 40.58	3.4896	0.0317	39 24 28.1	18.550	0.186	80.2	168 172	39 2368
4984	9.1	30 41.79	3.4433	0.0279	36 8 33.6	18.551	0.183	81.2	M 174 175	36 2094
4985	6.3	30 46.61	3.4240	0.0264	34 43 35.3	18.554	0.181	79.8	1 163	34 2145
4986	8.9	10 30 55.41	+3.4555	−0.0290	+37 6 23.0	−18.559	−0.183	80.2	174 176	37 2104
4987	9.2	31 4.43	3.4332	0.0272	35 30 53.1	18.563	0.181	80.2	188 192	35 2167
4988	9.7	31 9.44	3.4789	0.0309	38 49 14.6	18.566	0.186	86.8	198 665	38 2164
4989	9.2	31 34.60	3.4388	0.0278	36 4 30.9	18.580	0.181	80.3	201 204	36 2096
4990	8.0	31 43.78	3.4462	0.0284	36 39 52.6	18.585	0.181	79.8	1 163	36 2097
4991	8.3	10 31 43.86	+3.4635	−0.0298	+37 55 4.7	−18.585	−0.182	80.2	168 172	38 2165
4992	9.0	31 50.72	3.4623	0.0298	37 51 52.7	18.589	0.182	80.2	174 176	37 2108
4993	9.3	31 54.80	3.4305	0.0272	35 33 12.7	18.591	0.179	80.2	188 192	35 2168
4994	5.9	31 58.11	3.4716	0.0306	38 33 38.3	18.593	0.182	93.3[4]	5 Beob.[5]	38 2166
4995	8.7	32 28.65	3.4500	0.0289	37 10 15.1	18.610	0.179	80.3	195 198	37 2109
4996	7.7	10 32 35.77	+3.4906	−0.0324	+40 3 17.3	−18.613	−0.181	80.2	168 172	40 2354
4997	7.2	32 39.46	3.4677	0.0304	38 29 26.3	18.615	0.180	80.3	195 198	38 2167
4998	8.3	32 58.13	3.4342	0.0278	36 8 36.7	18.626	0.178	80.0	1 163 188 192	36 2100
4999	8.0	33 0.98	3.4741	0.0311	39 3 14.8	18.627	0.180	80.2	174 176	39 2370
5000	7.9	33 28.00	3.4353	0.0280	36 22 38.0	18.642	0.177	80.2	188 192	36 2101

[1] Dpl. 7.5 med.

[2] Z. 201 204 665 668; M 174 175 285 286 287

[3] Z. 179 665 [45.94] 668 [5.6]; M 327 [17.2] 328; R(2)

[4] E.B. $-0^s.021$ $-0^s.05$ (Porter)

[5] Z. 665 668; M 285 286 287

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5001	9.5	$10^h\,33^m\,54^s.82$	$+3^s.4833$	$-0^s.0323$	+39° 58' 3".4	−18".656	−0".178	80.3	174 176 195 198	40° 2357
5002	8.3	34 5.18	3.4194	0.0269	35 20 24.0	18.662	0.174	79.8	1 163	35 2172
5003	9.3	34 11.36	3.4383	0.0285	36 49 19.2	18.665	0.175	80.3	201 204	36 2103
5004	8.6	34 23.28	3.4496	0.0294	37 43 24.6	18.671	0.176	80.2	168 172	37 2110
5005	9.2	34 44.63	3.4304	0.0280	36 23 42.7	18.683	0.174	80.3	201 204	36 2104
5006	8.9	10 34 53.91	+3.4111	−0.0264	+34 56 5.9	−18.687	−0.172	80.2	188 192	35 2173
5007	8.4	34 58.09	3.4497	0.0296	37 54 37.3	18.690	0.174	80.2	174 176	38 2171
5008	9.4	34 58.98[1]	3.4136	0.0267	35 9 54.6	18.690	0.172	88.8 86.5	1 163 665 668	35 2174
5009	9.3	35 6.69	3.4779	0.0322	39 58 18.6	18.694	0.175	80.2	168 172	40 2360
5010	8.5	35 8.86	3.4598	0.0305	38 41 52.4	18.695	0.175	80.3	195 198	38 2172
5011	9.1	10 35 16.26	+3.4281	−0.0279	+36 21 57.4	−18.699	−0.172	81.2	M 174 175	36 2105
5012	8.5	35 17.83	3.4384	0.0288	37 10 21.3	18.700	0.173	80.3	201 204	37 2112
5013	9.2	35 24.19	3.4454	0.0294	37 43 23.5	18.704	0.173	80.2	174 176	37 2113
5014	8.7	35 26.90	3.4229	0.0275	36 1 52.5	18.705	0.172	80.3	195 198	36 2106
5015	9.1	35 53.00	3.4614	0.0309	39 2 58.9	18.719	0.173	80.2	168 172	39 2373
5016	8.5	10 36 2.34	+3.4[illegible]179	−0.0273	+35 49 11.7	−18.723	−0.171	79.8	1 163	35 2175
5017	8.4	36 6.66	3.4126	0.0269	35 25 7.8	18.726	0.170	80.2	188 192	35 2176
5018	9.3	36 28.31[2]	3.4079	0.0266	35 9 53.4	18.737	0.169	88.8 86.5	1 163 665 668	35 2177
5019	8.9	36 44.00	3.4243	0.0280	36 32 5.5	18.745	0.169	80.3	195 198	36 2112
5020	9.1	36 54.91	3.4093	0.0268	35 24 29.7	18.751	0.168	80.2	188 192	35 2178
5021	8.2	10 37 8.62	+3.4437	−0.0298	+38 9 11.3	−18.758	−0.170	80.2	174 176	38 2174
5022	8.5	37 20.97	3.4542	0.0308	39 0 45.4	18.764	0.169	80.2	168 172	39 2375
5023	8.4	37 55.73	3.4487	0.0305	38 46 44.2	18.782	0.168	80.3	195 198	38 2176
5024	9.3	38 4.78	3.4112	0.0272	35 55 54.5	18.787	0.166	88.8	192 665 668	36 2114
5025	8.8	38 12.78	3.4526	0.0309	39 9 46.5	18.791	0.168	84.4	6 Beob.[3]	39 2376
5026	9.1	10 38 12.87	+3.4586	−0.0315	+39 35 47.8	−18.791	−0.168	80.2	168 172	39 2377
5027	9.5	38 48.41	3.4060	0.0270	35 44 40.4	18.809	0.164	88.8	163 665 668	35 2179
5028	9.2	38 53.82	3.4116	0.0275	36 13 20.8	18.812	0.16[illegible]	80.2	188 192	36 2117
5029	8.8	38 59.14	3.4128	0.0276	36 20 59.8	18.814	0.164	80.3	195 198	36 2118
5030	8.4	39 11.15	3.4114	0.0275	36 17 42.5	18.820	0.164	80.3	195 198	36 2119
5031	8.5	10 39 24.32	+3.3922	−0.0260	+34 47 25.7	−18.827	−0.162	79.8	1 163	34 2156
5032	9.5	39 41.35	3.3915	0.0260	34 49 12.0	18.835	0.162	81.2	M 174 175	34 2157
5033	7.6	39 41.85	3.3982	0.0266	35 23 18.4	18.836	0.162	80.2	188 192	35 2181
5034	9.4	40 27.51	3.4523	0.0317	39 53 7.6	18.859	0.163	80.2	168 172	39 2380
5035	9.1	40 42.58	3.3932	0.0265	35 17 37.2	18.866	0.160	79.8	1 163	35 2185
5036	7.0	10 41 17.52	+3.4269	−0.0297	+38 13 45.0	−18.883	−0.160	80.2	174 176	38 2179
5037	9.3	41 18.70	3.4315	0.0301	38 35 41.5	18.884	0.161	80.3	195 198	38 2180
5038	9.1	41 25.45	3.4220	0.0293	37 53 33.3	18.887	0.160	80.3	201 204	37 2121
5039	9.2	41 43.89	3.3953	0.0269	35 48 27.7	18.896	0.158	79.8	1 163	35 2187
5040	8.8	41 55.03	3.4192	0.0292	37 49 57.0	18.902	0.159	80.3	195 198	37 2124
5041	9.3	10 42 0.86	+3.4315	−0.0303	+38 50 15.7	−18.904	−0.159	80.2	174 176	38 2181
5042	8.9	42 7.76	3.4249	0.0297	38 21 28.9	18.908	0.159	80.3	201 204	38 2183
5043	9.3	42 13.83	3.4023	0.0277	36 34 4.8	18.911	0.157	80.2	188 192	36 2126
5044	9.4	42 20.03	3.4391	0.0311	39 32 15.4	18.914	0.159	80.2	168 172	39 2381
5045	9.3	42 22.52	3.3868	0.0264	35 18 1.1	18.915	0.156	80.2	188 192	35 2188
5046	8.5	10 42 33.26	+3.4274	−0.0301	+38 42 6.0	−18.920	−0.158	80.2	168 172	38 2184
5047	8.3	43 5.49	3.4011	0.0278	36 45 33.6	18.936	0.155	79.8	1 163	36 2128
5048	9.5	43 16.09	3.4249	0.0301	38 45 30.9	18.941	0.156	80.2	174 176	38 2186
5049	9.0	43 48.43	3.4252	0.0303	38 58 5.5	18.956	0.155	80.2	168 172	39 2383
5050	9.1	44 6.06	3.3939	0.0275	36 30 4.4	18.965	0.153	79.8	1 163	36 2129

[1] Z. 1 [$58^s.41$] [2] Z. 1 [$27^s.80$] [3] Z. 1 163 174 176 665 668

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5051	8.6	10h 44m 27s.03	+3s.4037	−0s.0286	+37° 26′ 45″.7	−18″.975	−0″.153	88.8	174 665 668	37° 2127
5052	8.9	44 49.43	3.3720	0.0257	34 50 22.4	18.985	0.150	79.8	1 163	34 2169
5053	9.3	44 56.44	3.3870	0.0271	36 11 54.1	18.988	0.151	80.2	188 192	36 2130
5054	9.4	45 0.39	3.4194	0.0302	38 56 17.5	18.990	0.152	87.2	665 668; M 174 175	39 2384
5055	6.9	45 30.41	3.4180	0.0302	38 59 56.0	19.004	0.151	93.2	665 668	39 2386
5056	9.0	10 45 45.98	+3.3700	−0.0258	+34 59 7.3	−19.011	−0.148	79.8	1 163	35 2192
5057	8.7	46 1.88	3.3955	0.0283	37 19 1.4	19.019	0.149	80.2	188 192	37 2130
5058	**4.0**	**46 19.00**	**3.3668**	**0.0257**	**34 53 17.8**	**19.027**	**0.147**		**Fund. Cat.**	**34 2172**
5059	8.7	46 57.69	3.3980	0.0288	37 52 17.8	19.044	0.147	86.8	195 198 665 668	37 2132
5060	9.1	47 1.14	3.4037	0.0294	38 22 35.4	19.046	0.147	80.2	174 176	38 2190
5061	8.7	10 47 14.17	+3.3623	−0.0255	+34 47 53.7	−19.052	−0.145	79.8	1 163	34 2176
5062	9.1	47 23.02	3.4135	0.0305	39 19 39.9	19.056	0.147	80.2	168 172	39 2389
5063	7.9	47 43.91	3.3895	0.0283	37 25 30.0	19.065	0.145	80.0	1 163 174 176	37 2133
5064	9.0	47 52.72	3.3820	0.0276	36 49 12.0	19.069	0.144	80.2	188 192	36 2133
5065	9.3	48 8.46	3.4000	0.0295	38 28 34.5	19.076	0.145	80.2	168 172	38 2192
5066	9.1	10 48 47.08	+3.3868	−0.0284	+37 34 36.4	−19.094	−0.143	80.2	168 172	37 2134
5067	9.3	48 48.54	3.3663	0.0264	35 44 14.7	19.094	0.142	79.8	1 163	35 2193
5068	9.1	49 34.56	3.3588	0.0259	35 19 34.5	19.115	0.140	79.8	1 163	35 2194
5069	9.2	49 45.51	3.3589	0.0260	35 23 50.7	19.120	0.140	80.2	188 192	35 2195
5070	9.6	49 49.48	3.3940	0.0296	38 36 11.0	19.121	0.141	80.3	195 198	38 2194
5071	8.9	10 49 58.61	+3.3847	−0.0286	+37 50 31.3	−19.125	−0.140	80.2	174 176	37 2137
5072	8.6	50 6.41	3.3624	0.0265	35 51 56.1	19.129	0.139	80.3	201 204	35 2196
5073	8.7	50 8.48	3.4025	0.0304	39 27 31.6	19.130	0.141	80.2	168 172	39 2392
5074	9.4	50 10.72	3.3556	0.0258	35 14 4.2	19.131	0.139	86.8	201 204 665 668	35 2197
5075	8.6	50 27.05	3.3879	0.0291	38 18 58.0	19.138	0.139	80.2	174 176	38 2197
5076	8.5	10 50 28.20	+3.3679	−0.0271	+36 30 32.1	−19.138	−0.138	80.3	195 198	36 2134
5077	8.7	50 51.40	3.3534	0.0258	35 17 41.1	19.148	0.137	80.2	188 192	35 2198
5078	9.1	51 1.71	3.3584	0.0263	35 49 41.5	19.153	0.137	79.8	1 163	35 2199
5079	9.0	51 10.42	3.4008	0.0307	39 43 8.9	19.157	0.138	80.2	168 172	39 2393
5080	8.5	51 27.13	3.3767	0.0284	37 41 56.7	19.164	0.137	80.3	195 198[1]	37 2139
5081	8.7	10 51 40.12	+3.3977	−0.0305	+39 39 2.6	−19.169	−0.137	80.2	168 172	39 2394
5082	9.0	52 0.60	3.3879	0.0297	38 55 52.5	19.178	0.136	80.2	174 176	39 2395
5083	8.9	52 3.88	3.3539	0.0262	35 48 11.0	19.180	0.135	80.0	1 163 188 192	35 2201
5084	9.5	52 15.83	3.3907	0.0300	39 16 26.8	19.185	0.136	80.3	195 198	39 2396
5085	8.7	52 30.00	3.3828	0.0294	38 40 12.6	19.191	0.135	80.2	168 172	38 2202
5086	8.5	10 52 31.16	+3.3666	−0.0277	+37 11 12.6	−19.191	−0.134	80.2	188 192	37 2140
5087	9.1	52 34.11	3.3787	0.0290	38 19 13.2	19.192	0.134	80.2	174 176	38 2203
5088	6.0	52 34.13	3.3619	0.0273	36 45 49.5	19.192	0.134	86.3	11 Beob.[2]	36 2139
5089	9.0	53 32.69	3.3412	0.0254	35 8 9.1	19.217	0.131	80.0	1 163 188 192	35 2202
5090	8.0	53 33.23	3.3811	0.0296	38 56 27.7	19.217	0.133	80.2	168 172	39 2397
5091	5.3	10 53 49.76	+3.3903	−0.0307	+39 52 58.3	−19.224	−0.133	87.7	9 Beob.[3]	39 2400
5092	8.1	54 1.86	3.3605	0.0276	37 12 47.1	19.229	0.131	80.2	174 176	37 2142
5093	9.0	54 4.28	3.3614	0.0277	37 19 15.5	19.230	0.131	80.3	195 198	37 2143
5094	8.5	54 18.54	3.3544	0.0271	36 44 12.8	19.236	0.130	80.2	188 192	36 2141
5095	7.6	54 42.13	3.3731	0.0292	38 40 42.9	19.246	0.130	80.2	174 176	38 2205
5096	7.5	10 54 48.32	+3.3586	−0.0277	+37 20 50.8	−19.248	−0.129	79.8	1 163	37 2145
5097	8.1	55 11.01	3.3601	0.0280	37 39 13.8	19.258	0.129	80.3	195 198	37 2146
5098	9.2	55 17.24	3.3749	0.0296	39 5 24.7	19.260	0.129	80.2	168 172	39 2403
5099	9.5	55 18.91	3.3613	0.0282	37 49 38.8	19.261	0.129	80.3	195 198	37 2147
5100	8.2	55 41.89	3.3513	0.0274	37 0 29.8	19.270	0.127	80.2	174 176	37 2151

[1] Dpl. 10″ bor. seq. [2] Z. 1 163 201 204 665 668; M 174 175 285 286 287
[3] Z. 665 668; M 82 83 174 175 285 286 287

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5101	9.3	$10^h\ 55^m\ 42^s.82$	$+3^s.3597$	$-0^s.0283$	+37° 49′ 53″.8	−19″.270	−0″.128	80.2	168 172	37° 2150
5102	9.1	55 59.92	3.3406	0.0263	36 3 41.8	19.277	0.126	79.8	1 163	36 2145
5103	8.5	56 0.62	3.3434	0.0265	36 20 56.8	19.278	0.126	80.2	188 192	36 2146
5104	7.3	56 29.42	3.3458	0.0270	36 47 17.3	19.289	0.125	89.3[1]	7 Beob.[2]	36 2147
5105	8.4	56 36.14	3.3670	0.0293	38 54 46.0	19.292	0.126	80.2	168 172	39 2408
5106	8.1	10 56 53.78	+3.3733	−0.0301	+39 38 0.7	−19.299	−0.126	80.2	174 176	39 2410
5107	8.8	57 8.86	3.3248	0.0249	34 53 48.3	19.305	0.123	80.2	188 192	34 2195
5108	6.9	57 19.70	3.3703	0.0299	39 32 28.1	19.309	0.125	80.2	168 172	39 2413
5109	8.9	57 31.25	3.3246	0.0250	35 1 38.8	19.314	0.122	79.8	1 163	35 2206
5110	5.8	57 33.90	3.3626	0.0292	38 54 52.5	19.315	0.124	80.3	195 198	39 2414
5111	9.4	10 57 42.31[3]	+3.3671	−0.0297	+39 24 21.0	−19.318	−0.123	89.3 90.3	6 Beob.[3]	39 2416
5112	8.7	57 44.70	3.3693	0.0300	39 37 32.9	19.319	0.124	88.8	204 665 668	39 2417
5113	7.8	57 46.66	3.3615	0.0292	38 55 11.4	19.320	0.123	93.2	665 668	39 2418
5114	8.8	57 58.52	3.3366	0.0265	36 29 18.0	19.324	0.122	80.2	188 192	36 2150
5115	7.7	57 59.86	3.3624	0.0293	39 5 5.6	19.325	0.123	88.1	5 Beob.[4]	39 2419
5116	8.9	10 57 59.88	+3.3343	−0.0263	+36 15 33.8	−19.325	−0.121	80.3	195 198	36 2151
5117	8.3	58 37.84	3.3582	0.0291	38 56 52.5	19.340	0.121	80.2	174 176	39 2421
5118	9.3	58 39.82	3.3299	0.0261	36 5 4.8	19.340	0.120	80.2	188 192	36 2153
5119	7.0	58 51.71	3.3583	0.0293	39 4 8.4	19.345	0.121	80.2	168 172	39 2422
5120	8.9	58 56.19	3.3268	0.0258	35 52 28.5	19.347	0.119	79.8	1 163	35 2208
5121	8.4	10 59 38.31	+3.3380	−0.0273	+37 21 50.0	−19.363	−0.119	80.2	188 192	37 2153
5122	9.2	59 43.45	3.3423	0.0279	37 50 57.0	19.365	0.119	80.3	195 198	37 2154
5123	9.4	59 57.26	3.3471	0.0285	38 26 41.9	19.370	0.118	80.2	174 176	38 2210
5124	7.8	11 0 7.48	3.3364	0.0273	37 24 44.6	19.374	0.117	80.3	201 204 205[5] 207	37 2155
5125	8.4	0 28.30	3.3335	0.0272	37 16 27.8	19.382	0.116	80.2	180 183	37 2156
5126	8.5	11 0 33.32	+3.3170	−0.0253	+35 31 5.5	−19.383	−0.116	80.3	156 202	35 2211
5127	8.7	0 34.13	3.3561	0.0298	39 37 35.5	19.384	0.118	80.2	168 172	39 2423
5128	7.5	0 42.48	3.3343	0.0273	37 27 40.7	19.387	0.116	93.2	666 669	37 2157
5129	8.0	1 20.14	3.3473	0.0291	39 6 4.3	19.401	0.115	80.2	168 172	39 2424
5130	8.3	1 22.23	3.3284	0.0269	37 7 53.1	19.402	0.114	80.3	205 207	37 2158
5131	8.4	11 1 26.81	+3.3426	−0.0286	+38 39 52.4	−19.403	−0.115	80.2	174 176	38 2211
5132	8.4	1 42.33	3.3112	0.0251	35 23 35.1	19.409	0.113	80.3	156 202	35 2212
5133	7.3	1 42.66	3.3228	0.0264	36 41 12.1	19.409	0.113	80.2	180 183	36 2157
5134	9.3	1 46.20	3.3261	0.0268	37 4 25.1	19.410	0.113	80.2	174 176	37 2159
5135	8.8	2 4.76	3.3061	0.0246	34 58 52.7	19.417	0.112	80.3	205 207	35 2213
5136	5.7	11 2 26.32	+3.3225	−0.0267	+36 59 12.1	−19.425	−0.112	87.7	9 Beob.[6]	37 2162
5137	8.7	2 54.18	3.3081	0.0252	35 35 6.4	19.435	0.111	80.3	156 202	35 2215
5138	9.5	3 0.08	3.3089	0.0253	35 43 33.1	19.437	0.110	86.7	180 183 666 669	35 2216
5139	7.6	3 21.19	3.3100	0.0255	36 0 44.8	19.445	0.110	80.3	156 202	36 2160
5140	8.6	3 52.18	3.3311	0.0283	38 36 33.2	19.456	0.110	80.2	168 172	38 2213
5141	9.5	11 3 53.73	+3.3159	−0.0265	+36 56 8.6	−19.456	−0.108	80.2	180 183	37 2164
5142	8.3	4 31.84	3.3260	0.0280	38 22 34.4	19.470	0.108	80.2	168 172	38 2215
5143	7.9	5 12.83	3.2996	0.0251	35 41 8.4	19.484	0.106	80.3	156 180 183 202	35 2219
5144	7.8	5 23.10	3.3150	0.0270	37 34 16.8	19.488	0.106	80.2	174 176	37 2167
5145	8.4	5 33.36	3.2922	0.0244	34 57 20.6	19.491	0.105	80.2	180 183	35 2220
5146	6.9	11 5 33.61	+3.2964	−0.0248	+35 27 55.7	−19.491	−0.105	80.3	156 202	35 2221
5147	6.9	5 43.84	3.3043	0.0258	36 29 54.4	19.495	0.104	80.3	205 207	36 2162
5148	9.5	5 47.36	3.2992	0.0253	35 55 28.2	19.495	0.104	94.6	6 Beob.[7]	36 2163
5149	9.2	5 52.39	3.3350	0.0298	40 2 0.5	19.498	0.106	80.2	168 172	40 2406
5150	7.6	5 54.00	3.3037	0.0259	36 30 35.4	19.498	0.104	80.3	205 207	36 2164

[1] E.B. −0ˢ.044 −4″.74 (Porter)
[2] Z. 1 163 665 668; M 285 286 287
[3] Z. 174 176; M 328 329[43ˢ.05]; R(2)
[4] Z. 168 172; M 285 286 287
[5] δ Gew. ½
[6] Z. 666 669; M 72 73 174 175 285 286 287
[7] Z. 666 669; M 328 329; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5151	8.8	11h 6m 40s.76	+3s.3113	−0s.0272	+37° 48′ 0″.0	−19″.514	−0″.103	80.2	168 172	37° 2169
5152	8.8	8 10.63	3.2844	0.0245	35 17 37.1	19.544	0.099	80.3	156 202	35 2222
5153	7.6	8 11.71	3.3085	0.0275	38 15 34.0	19.544	0.100	80.2	174 176	38 2219
5154	8.5	8 47.62	3.2917	0.0256	36 31 36.6	19.556	0.098	80.2	180 183	36 2170
5155	9.1	8 53.17	3.3160	0.0288	39 29 27.1	19.558	0.098	80.2	168 172	39 2430
5156	9.7	11 8 53.68	+3.2792	−0.0242	+34 59 58.6	−19.558	−0.097	90.7	7 Beob.[1]	35 2224
5157	9.1	8 57.07	3.2953	0.0262	37 3 47.4	19.559	0.097	80.2	174 176	37 2170
5158	8.2	9 3.84	3.2808	0.0244	35 17 24.5	19.561	0.097	80.3	156 202	35 2225
5159	8.5	9 14.02	3.2985	0.0267	37 36 36.3	19.564	0.097	81.2	M 174 175	37 2171
5160	8.5	9 54.18	3.2994	0.0272	38 4 30.6	19.577	0.096	80.2	168 172	38 2221
5161	8.6	11 10 32.49	+3.2766	−0.0245	+35 31 33.4	−19.589	−0.094	80.3	156 202	35 2229
5162	9.0	10 56.54	3.3042	0.0284	39 13 36.3	19.597	0.094	80.2	168 172	39 2432
5163	8.4	11 10.61	3.2897	0.0265	37 34 24.4	19.601	0.093	80.2	168 172	37 2172
5164	8.3	11 12.57	3.2784	0.0250	36 7 35.3	19.601	0.092	80.2	180 183	36 2171
5165	8.7	11 41.79	3.2810	0.0256	36 44 18.7	19.610	0.091	80.3	205 207	36 2173
5166	6.4	11 12 0.80	+3.2754	−0.0250	+36 10 20.2	−19.616	−0.091	80.2	180 183	36 2175
5167	8.6	12 4.40	3.2785	0.0254	36 37 20.4	19.617	0.091	80.3	205 207	36 2176
5168	8.9	12 11.43	3.2777	0.0254	36 34 53.9	19.619	0.090	80.3	156 202	36 2177
5169	5.8	12 18.79	3.2948	0.0278	38 52 14.1	19.622	0.091	87.2	666 669; M 174 175	38 2225
5170	9.0	12 20.94	3.2808	0.0259	37 4 34.6	19.622	0.090	80.3	156 202	37 2173
5171	8.0	11 12 52.95	+3.2916	−0.0277	+38 47 11.7	−19.632	−0.090	80.2	174 176	38 2228
5172	8.7	13 27.46	3.2932	0.0282	39 19 58.0	19.642	0.088	80.2	168 172	39 2433
5173	9.0	13 59.87	3.2896	0.0280	39 11 12.9	19.652	0.087	80.2	168 172	39 2434
5174	8.9	14 8.15	3.2625	0.0243	35 35 40.5	19.654	0.086	80.3	156 202	35 2237
5175	9.4	14 19.35	3.2707	0.0255	36 51 23.1	19.657	0.086	80.2	180 183	36 2179
5176	8.3	11 14 29.05	+3.2875	−0.0280	+39 13 3.1	−19.660	−0.086	80.2	168 172	39 2436
5177	9.0	14 35.01	3.2572	0.0238	35 5 56.7	19.662	0.085	80.3	156 202	35 2238
5178	8.4	14 43.77	3.2652	0.0249	36 19 50.5	19.664	0.085	80.3	205 207	36 2180
5179	8.9	15 6.09	3.2582	0.0241	35 32 44.7	19.671	0.084	80.3	205 207	35 2241
5180	9.1	15 8.74	3.2711	0.0259	37 24 17.9	19.671	0.084	80.2	174 176	37 2175
5181	8.5	11 15 19.74	+3.2729	−0.0263	+37 46 25.7	−19.675	−0.084	80.2	180 183	37 2176
5182	8.4	15 20.04	3.2728	0.0263	37 46 1.5	19.675	0.084	80.2	180 183	37 2177
5183	8.2	15 20.20	3.2605	0.0245	36 1 15.4	19.675	0.083	80.8	211 214; M 174 175	36 2181
5184	8.8	15 27.81	3.2880	0.0286	39 53 34.0	19.677	0.084	80.2	168 172	39 2437
5185	8.6	15 32.73	3.2824	0.0278	39 11 41.7	19.678	0.084	80.2	174 176	39 2438
5186	7.0	11 15 55.09	+3.2559	−0.0242	+35 42 39.5	−19.684	−0.082	80.2	156 202	35 2242
5187	8.3	16 1.94	3.2716	0.0265	38 1 43.2	19.686	0.083	86.7	180 183 666 669	38 2231
5188	9.1	16 3.59	3.2802	0.0278	39 13 32.5	19.687	0.083	90.0	207; M 285 286 287	39 2440
5189	9.5	16 6.55	3.2718	0.0266	38 6 30.8	19.688	0.083	93.2	666 669	38 2232
5190	9.6	16 37.50	3.2828	0.0285	39 56 2.2	19.696	0.081	80.2	174 176	40 2423
5191	9.0	11 16 46.93	+3.2510	−0.0240	+35 30 21.0	−19.699	−0.080	80.2	156 202	35 2245
5192	8.4	16 50.13	3.2777	0.0279	39 22 45.9	19.700	0.081	80.2	168 172	39 2441
5193	8.8	17 2.46	3.2462	0.0234	34 55 44.4	19.703	0.079	80.2	180 183	35 2246
5194	6.9	17 7.78	3.2659	0.0263	37 55 15.8	19.704	0.080	80.3	205 207	38 2234
5195	9.2	17 20.12	3.2710	0.0272	38 46 37.9	19.708	0.080	80.3	207 211 214	38 2235
5196	7.9	11 17 22.89	+3.2682	−0.0268	+38 24 19.9	−19.708	−0.080	80.2	168 172	38 2236
5197	8.7	17 55.80	3.2611	0.0260	37 44 32.1	19.717	0.079	80.2	180 183	37 2178
5198	9.3	17 58.55	3.2673	0.0270	38 39 36.1	19.718	0.078	80.2	174 176	38 2238
5199	8.7	18 42.99	3.2431	0.0238	35 30 36.0	19.730	0.076	80.2	156 202	35 2249
5200	8.6	18 44.31	3.2452	0.0241	35 51 13.1	19.730	0.076	80.3	205 207	35 2250

[1] Z. 666 669; M 174 175 328; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5201	8.5	11h 18m 47s.47	+3s.2560	−0s.0257	+37° 32′ 56″.7	−19″.731	−0″.077	80.2	168 172	37° 2179
5202	9.6	19 53.28	3.2542	0.0261	38 1 16.5	19.748	0.074	87.0	214 666 669 M 174	38 2240
5203	8.0	19 55.01	3.2567	0.0266	38 24 46.1	19.748	0.074	80.2	174 176	38 2241
5204	9.1	20 10.92	3.2448	0.0248	36 44 21.4	19.752	0.073	80.2	156 202	36 2185
5205	8.5	20 13.31	3.2610	0.0274	39 16 7.9	19.753	0.074	80.2	168 172	39 2442
5206	9.3	11 20 14.90	+3.2533	−0.0262	+38 7 7.8	−19.753	−0.074	80.3	205 207	38 2243
5207	8.6	20 25.51	3.2420	0.0245	36 27 24.9	19.756	0.072	88.9	183 666 669	36 2186
5208	9.2	20 40.94	3.2501	0.0260	37 55 58.9	19.760	0.072	80.2	174 176	38 2246
5209	8.3	21 0.20	3.2305	0.0230	34 56 45.1	19.765	0.071	80.2	156 202	35 2255
5210	6.9	21 1.03	3.2531	0.0266	38 37 45.0	19.765	0.072	80.3	180 205 207	38 2247
5211	9.3	11 21 7.67	+3.2567	−0.0273	+39 15 11.4	−19.767	−0.072	80.2	168 172	39 2444
5212	8.5	21 10.87	3.2363	0.0240	36 3 31.9	19.767	0.071	88.9	183 666 669	36 2187
5213	8.8	21 28.74	3.2407	0.0249	36 59 11.4	19.772	0.071	86.7	174 176 666 669	37 2181
5214	9.3	21 46.62	3.2377	0.0246	36 42 14.5	19.776	0.070	80.3	156 202 207	36 2188
5215	7.4	21 51.10	3.2581	0.0280	39 59 45.1	19.777	0.070	80.2	168 172	40 2432
5216	5.6[1]	11 22 19.88	+3.2560	−0.0280	+40 1 28.8	−19.784	−0.069	86.9	10 Beob.[2]	40 2433
5217	8.4	22 34.54	3.2396	0.0254	37 36 0.6	19.787	0.068	80.2	168 172	37 2182
5218	8.7	23 3.59	3.2300	0.0241	36 19 37.4	19.794	0.067	80.2	156 202	36 2189
5219	8.5	23 5.32	3.2318	0.0245	36 39 44.1	19.795	0.067	80.3	205 207	36 2190
5220	9.3	23 29.24	3.2337	0.0250	37 16 31.4	19.800	0.066	80.2	156 202	37 2184
5221	7.0	11 23 32.66	+3.2415	−0.0264	+38 38 34.8	−19.801	−0.067	80.2	168 172	38 2250
5222	7.8	24 30.35	3.2272	0.0246	36 55 19.2	19.814	0.064	80.2	156 202	37 2190
5223	9.4	25 7.45	3.2225	0.0241	36 33 16.7	19.822	0.062	93.2	666[3] 669	36 2196
5224	7.8	25 30.17	3.2381	0.0272	39 36 56.4	19.828	0.062	80.2	168 172	39 2450
5225	6.5	25 31.80	3.2228	0.0245	36 56 17.2	19.828	0.062	80.2	180 183	37 2192
5226	9.0	11 25 45.25	+3.2271	−0.0254	+37 53 45.0	−19.831	−0.062	80.3	205 207 211 214	38 2253
5227	8.8	25 48.89	3.2376	0.0273	39 45 54.2	19.832	0.062	80.2	174 176	39 2451
5228	7.5	26 8.14	3.2349	0.0270	39 33 15.1	19.836	0.061	94.6	669; M 328 329	39 2452
5229	7.9	26 21.37	3.2364	0.0275	40 0 42.4	19.839	0.061	80.2	168 172	40 2439
5230	6.9	26 23.02	3.2078	0.0223	34 44 30.5	19.839	0.060	80.2	156 202	34 2230
5231	7.5	11 26 30.14	+3.2330	−0.0270	+39 33 7.6	−19.840	−0.060	89.4[4]	7 Beob.[5]	39 2453
5232	8.4	26 48.55	3.2201	0.0248	37 27 21.4	19.844	0.060	80.2	156 202	37 2193
5233	6.2	27 17.17	3.2182	0.0249	37 30 26.3	19.850	0.058	90.0[6]	8 Beob.[7]	37 2195
5234	9.4	27 38.07	3.2070	0.0230	35 35 51.5	19.855	0.057	86.7	180 183 666 669	35 2263
5235	8.7	28 33.88	3.2055	0.0233	36 5 48.9	19.866	0.055	80.2	156 202	36 2198
5236	8.7	11 28 43.57	+3.2005	−0.0225	+35 12 0.3	−19.868	−0.055	93.2	666 669	35 2264
5237	8.4	29 9.29	3.2056	0.0238	36 36 59.4	19.873	0.054	80.2	180 183	36 2200
5238	8.6	29 10.73	3.2049	0.0237	36 30 37.2	19.873	0.054	80.2	156 202	36 2199
5239	8.7	29 33.64	3.2048	0.0240	36 48 50.7	19.878	0.053	80.2	180 183	36 2201
5240	8.6	29 58.54	3.1988	0.0230	35 56 6.9	19.882	0.052	80.2	156 202	36 2202
5241	8.4	11 30 36.90	+3.2005	−0.0239	+36 54 32.7	−19.890	−0.051	80.2	180 183	37 2200
5242	8.8	30 46.91	3.1971	0.0233	36 17 52.9	19.891	0.050	80.2	156 202	36 2204
5243	9.4	31 5.98	3.2019	0.0246	37 38 28.4	19.895	0.050	79.3	2 4	37 2201
5244	9.4	31 18.01	3.1978	0.0239	36 57 9.5	19.897	0.049	86.7	211 214 667 670	37 2203
5245	8.6	31 21.30	3.1947	0.0233	36 17 57.2	19.898	0.049	80.2	156 202	36 2205
5246	8.6	11 31 40.62	+3.2078	−0.0263	+39 26 46.8	−19.901	−0.049	80.2	164 189	39 2458
5247	8.7	32 1.15	3.1918	0.0232	36 17 22.2	19.905	0.048	80.2	180 183	36 2207
5248	8.3	32 5.74	3.2053	0.0261	39 20 28.6	19.906	0.049	87.7	5 Beob.[8]	39 2459
5249	8.9	32 6.06	3.1877	0.0224	35 25 30.7	19.906	0.048	93.2	667 670	35 2268
5250	7.0	32 11.19	3.2074	0.0267	39 51 52.0	19.907	0.048	80.2	164 189	39 2460

[1] Dpl. austr. [2] Z. 666 669; M 72 73 89 174 175 285 286 287 [3] Dpl. austr. [4] E.B. +0s.011 −0″.19 (Porter)
[5] Z. 174 176 666 669; M 285 286 287 [6] E.B. −0s.017 −0″.07 (Porter) [7] Z. 168 172 666 669; M 286 287 288 289
[8] Z. 2 4 667 670 671

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5251	9.4	11h 32m 41s.42	+3s.1884	−0s.0230	+36° 10′ 30″.9	−19″.912	−0″.047	80.2	156 202	36° 2208
5252	9.0	33 2.42	3.1945	0.0246	37 54 42.7	19.916	0.047	84.0	2 4 671	38 2264
5253	7.8	33 37.79	3.1886	0.0239	37 10 6.9	19.922	0.045	80.2	156 202	37 2205
5254	9.4	33 58.11	3.1951	0.0256	39 4 0.0	19.925	0.045	86.7	6 Beob. [1]	39 2463
5255	5.7	34 27.88	3.1760	0.0217	34 54 22.6	19.930	0.043	87.7 [2]	9 Beob. [3]	35 2270
5256	8.2	11 35 22.26	+3.1726	−0.0217	+35 0 3.1	−19.939	−0.041	80.2	156 202	35 2272
5257	8.9	35 24.47	3.1842	0.0244	38 2 35.8	19.939	0.042	82.6	5 Beob. [4]	38 2268
5258	9.4	35 29.29	3.1866	0.0251	38 41 20.8	19.940	0.041	80.2	180 183	38 2269
5259	8.9	35 42.87	3.1805	0.0239	37 26 6.5	19.942	0.041	82.6	5 Beob. [5]	37 2208
5260	9.1	36 3.60	3.1887	0.0262	39 53 28.0	19.945	0.040	80.2	164 189	40 2455
5261	8.4	11 36 13.84	+3.1693	−0.0216	+35 2 48.8	−19.946	−0.039	80.2	156 202	35 2274
5262	9.2	36 18.63	3.1873	0.0261	39 49 29.6	19.947	0.040	80.2	180 183	39 2464
5263	8.4	36 32.23	3.1788	0.0242	37 56 21.4	19.949	0.039	88.9	164 667 670	38 2271
5264	7.8	36 53.68	3.1771	0.0242	37 56 3.6	19.952	0.038	83.0	2 4 189 671	38 2272
5265	9.3	37 7.60	3.1704	0.0228	36 23 51.4	19.954	0.038	80.2	156 202	36 2212
5266	8.7 [6]	11 37 43.06	+3.1800	−0.0258	+39 42 3.0	−19.960	−0.037	80.2	164 189	39 2465
5267	8.9	37 45.29	3.1743	0.0244	38 13 23.2	19.960	0.037	84.0	2 4 671	38 2273
5268	7.0	37 45.55	3.1779	0.0253	39 13 19.2	19.960	0.037	80.2	180 183	39 2466
5269	9.2	37 47.54	3.1757	0.0248	38 39 32.4	19.960	0.037	86.7	205 207 667 670	38 2274
5270	9.4	38 4.10	3.1644	0.0221	35 48 49.0	19.963	0.036	80.3	205 211 214	35 2276
5271	8.5	11 38 10.62	+3.1610	−0.0213	+34 56 9.2	−19.963	−0.035	80.2	156 202	35 2277
5272	8.6	38 15.91	3.1734	0.0247	38 36 59.5	19.964	0.036	80.2	164 189	38 2275
5273	8.8	38 30.84	3.1737	0.0251	39 1 21.8	19.966	0.035	84.0	2 4 671	39 2467
5274	8.6	38 50.50	3.1613	0.0221	35 50 33.1	19.969	0.034	80.2	156 202	35 2279
5275	7.3	39 1.87	3.1629	0.0227	36 35 15.2	19.970	0.034	80.2	180 183	36 2216
5276	8.2	11 39 20.63	+3.1628	−0.0231	+36 59 6.5	−19.973	−0.033	80.2	156 202	37 2212
5277	9.5	41 18.28	3.1509	0.0218	35 49 36.6	19.988	0.029	80.7	156 202; M 174 175	35 2282
5278	9.1	41 50.15	3.1552	0.0238	38 4 53.7	19.991	0.028	84.0	2 4 671	38 2279
5279	9.3	42 0.27	3.1587	0.0251	39 31 20.0	19.992	0.028	86.7	164 189 667 670	39 2469
5280	9.6	42 1.55	3.1561	0.0243	38 41 14.1	19.993	0.028	80.2	180 183	38 2280
5281	8.4	11 42 8.51	+3.1512	−0.0229	+37 11 8.8	−19.993	−0.028	80.3	205 207	37 2215
5282	8.6	42 16.14	3.1460	0.0214	35 31 36.2	19.994	0.027	80.2	156 202	35 2283
5283	8.8	42 32.14	3.1556	0.0249	39 19 47.9	19.996	0.027	80.2	164 189	39 2470
5284	8.1	42 36.60	3.1509	0.0234	37 48 41.7	19.997	0.027	87.6	5 Beob. [7]	37 2216
5285	5.8	43 11.74	3.1424	0.0214	35 37 34.5	20.000	0.025	86.9	12 Beob. [8]	35 2284
5286	9.3	11 43 21.01	+3.1497	−0.0241	+38 36 6.7	−20.001	−0.027	80.2	180 183	38 2283
5287	8.8	43 25.31	3.1462	0.0230	37 26 35.0	20.002	0.027	82.5	5 Beob. [9]	37 2217
5288	8.5	43 40.73	3.1506	0.0249	39 29 10.4	20.003	0.026	80.2	164 189	39 2471
5289	8.3	43 41.85	3.1402	0.0212	35 29 7.8	20.004	0.024	80.2	156 202	35 2285
5290	9.4	44 11.03	3.1442	0.0234	38 2 5.7	20.006	0.023	80.2	180 183	38 2284
5291	8.8	11 44 29.69	+3.1418	−0.0230	+37 35 9.2	−20.008	−0.023	80.0	2 205 207	37 2219
5292	9.2	44 31.83	3.1462	0.0247	39 22 21.7	20.009	0.023	80.2	164 189	39 2473
5293	7.3	44 36.05	3.1412	0.0229	37 31 49.4	20.009	0.022	80.2	180 183	37 2220
5294	9.3	44 57.87	3.1396	0.0229	37 33 23.4	20.011	0.022	83.3	4 205 207 671	37 2221
5295	8.9	45 4.83	3.1384	0.0226	37 17 0.8	20.012	0.021	80.2	156 202	37 2222
5296	9.4	11 45 25.25	+3.1374	−0.0228	+37 27 56.3	−20.014	−0.021	84.0	2 4 671	37 2223
5297	6.5	45 51.30	3.1380	0.0235	38 35 28.6	20.016	0.020	90.0 [10]	8 Beob. [11]	38 2285
5298	8.4	46 54.20	3.1307	0.0226	37 25 38.9	20.022	0.017	84.0	2 4 671	37 2225
5299	8.7	47 36.33	3.1300	0.0236	38 38 56.3	20.025	0.016	80.2	164 189	38 2288
5300	9.5	47 50.23	3.1305	0.0242	39 24 37.8	20.026	0.015	86.7	180 183 667 670	39 2476

[1] Z. 4 180 183 667 670 671 [2] E.B. −0s.001 −0″.39 (Porter) [3] Z. 667 670 677; M 67 77 174 175 288 289
[4] Z. 2 4 164 189 671 [5] Z. 2 4 180 183 671 [6] Dpl. 6″ austr. seq. [7] Z. 2 4 667 670 671
[8] Z. 156 175 202 667 670; M 89 91 174 175 286 287 288 289 [9] Z. 2 4 205 207 671
[10] E.B. +0s.344 −5″.80 (Porter) [11] Z. 164 189 667 670; M 286 287 288 289

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5301	9.0	11h 47m 55s.47	+3s.1287	−0s.0236	+38° 44′ 0″.1	−20″.026	−0″.015	82.5	6 Beob. [1]	38° 2289
5302	9.2	48 14.83	3.1296	0.0247	39 56 52.3	20.028	0.015	80.2	164 189	40 2475
5303	9.5	48 41.43	3.1247	0.0233	38 27 22.1	20.030	0.014	80.2	180 183	38 2290
5304	6.3	48 46.07	3.1224	0.0224	37 27 11.8	20.030	0.014	84.0	2 4 671	37 2230
5305	7.3	48 53.23	3.1256	0.0241	39 27 11.7	20.031	0.013	80.2	164 189	39 2478
5306	8.5	11 49 3.54	+3.1173	−0.0204	+35 13 6.5	−20.031	−0.013	80.2	156 202	35 2293
5307	9.2	49 18.27	3.1163	0.0204	35 16 4.4	20.032	0.012	86.5	183 667 670 M 5	35 2294
5308	6.9	49 32.60	3.1166	0.0211	36 2 12.0	20.033	0.012	80.3	205 211 214	36 2223
5309	8.0	49 45.16	3.1172	0.0218	36 56 40.4	20.034	0.011	80.3	205 207	37 2231
5310	6.5	49 50.37	3.1155	0.0211	36 8 37.4	20.035	0.011	80.2	180 183	36 2225
5311	8.1	11 50 2.25	+3.1138	−0.0206	+35 35 59.0	−20.035	−0.010	80.2	156 202	35 2295
5312	8.8	50 35.18	3.1129	0.0214	36 34 1.0	20.037	0.010	86.7	156 202 667 670	36 2227
5313	9.3	50 53.10	3.1117	0.0213	36 32 45.8	20.038	0.009	80.2	180 183	36 2228
5314	9.0	50 53.83	3.1160	0.0239	39 29 31.7	20.038	0.009	81.2	M 174 175	39 2480
5315	9.0	51 5.05	3.1127	0.0224	37 51 28.9	20.039	0.008	84.0	2 4 671	37 2233
5316	9.2	11 51 52.83	+3.1064	−0.0207	+35 52 11.5	−20.042	−0.007	80.2	156 202	35 2298
5317	7.5	52 18.56	3.1080	0.0229	38 34 20.1	20.043	0.006	84.0	2 4 671	38 2294
5318	6.8	53 32.04	3.0983	0.0195	34 43 47.0	20.046	0.004	80.2	156 202	34 2279
5319	9.3	53 37.42	3.1021	0.0229	38 47 31.4	20.046	0.004	84.0	2 4 671	38 2296
5320	9.1	53 40.96	3.1027	0.0236	39 32 30.4	20.047	0.004	80.2	164 189	39 2481
5321	7.0	11 53 44.19	+3.1002	−0.0217	+37 25 31.8	−20.047	−0.004	84.0	2 4 671	37 2238
5322	8.5	53 51.44	3.0997	0.0217	37 25 45.8	20.047	0.003	80.2	180 183	37 2239
5323	9.5	54 43.60	3.0939	0.0198	35 12 3.5	20.049	0.002	80.3	205 207	35 2299
5324	9.2	54 44.26	3.0943	0.0201	35 38 28.9	20.049	0.002	80.2	156 202	35 2300
5325	9.2	54 51.78	3.0935	0.0199	35 20 9.6	20.049	0.002	88.9	183 667 670	35 2301
5326	8.4	11 55 3.27	+3.0927	−0.0199	+35 25 52.4	−20.050	−0.001	80.3	205 207	35 2302
5327	5.6	55 15.38	3.0929	0.0210	36 44 26.1	20.050	0.000	85.2	11 Beob. [2]	36 2230
5328	9.5	55 45.72	3.0928	0.0235	39 44 43.3	20.051	+0.001	87.2	2 4(½) 667 670	39 2486
5329	9.3	56 8.96	3.0880	0.0195	35 5 17.6	20.051	0.001	88.9	183 667 670	35 2303
5330	9.2	56 9.18	3.0881	0.0196	35 13 7.7	20.051	0.001	80.2	156 202	35 2304
5331	7.9	11 56 16.10	+3.0883	−0.0206	+36 25 24.7	−20.052	+0.002	80.3	205 207	36 2232
5332	9.1	56 27.30	3.0875	0.0205	36 20 14.6	20.052	0.002	80.2	156 202	36 2233
5333	8.5	56 27.32	3.0881	0.0214	37 29 59.1	20.052	0.002	87.7	5 Beob. [3]	37 2242
5334	8.7	56 51.67	3.0863	0.0213	37 25 9.5	20.052	0.003	80.2	180 183	37 2244
5335	9.2	57 35.79	3.0835	0.0225	38 54 28.8	20.053	0.004	80.2	164 189	39 2488
5336	9.7	11 57 38.23[4]	+3.0819	−0.0193	+35 5 8.6[4]	−20.053	+0.004	92.1 94.5	7 Beob. [4]	35 2307
5337	8.6	57 42.19	3.0830	0.0223	38 41 50.6	20.053	0.004	80.2	180 183	38 2297
5338	8.9	57 44.39	3.0825	0.0215	37 48 33.2	20.053	0.004	82.3	7 Beob. [5]	37 2245
5339	8.4	58 5.01	3.0807	0.0209	37 3 3.7	20.053	0.005	80.3	205 207	37 2246
5340	8.9	58 14.87	3.0806	0.0228	39 21 38.3	20.054	0.005	80.2	164 189	39 2489
5341	7.7	11 58 17.31	+3.0796	−0.0202	+36 15 50.2	−20.054	+0.006	80.2	156 202	36 2235
5342	8.7	58 27.47	3.0789	0.0203	36 22 59.0	20.054	0.006	80.2	180 183	36 2236
5343	9.4	58 29.19	3.0784	0.0192	34 59 33.5	20.054	0.006	80.2	156 202	35 2309
5344	8.6	58 49.35	3.0780	0.0230	39 33 5.9	20.054	0.007	84.0	2 4 671	39 2491
5345	8.3	59 1.03	3.0769	0.0227	39 21 13.4	20.054	0.007	80.2	164 189	39 2492
5346	8.9	11 59 46.60	+3.0733	−0.0228	+39 31 35.8	−20.054	+0.009	80.2	164 189	39 2493
5347	9.0	12 0 15.17	3.0712	0.0198	36 2 12.0	20.054	0.009	86.4	7 8 674 677	36 2237
5348	8.9	0 18.09	3.0709	0.0210	37 28 49.2	20.054	0.009	84.0	2 4 671	37 2249
5349	9.2	0 39.31	3.0696	0.0190	35 2 28.3	20.054	0.010	79.4	7 8	35 2313
5350	8.7	1 0.39	3.0677	0.0210	37 42 38.4	20.054	0.011	87.7	5 Beob. [6]	37 2250

[1] Z. 2 4 205 211 214 671 [2] M 67 77 89 90 91 174 175 286 287 288 289 [3] Z. 2 4 667 670 671
[4] Z. 214[1s.9] 667 670; M 328[37s.15] 329[18″.6]; R(2) [5] Z. 2 4 671 674 677; M 288 289 [6] Z. 2 4 671 674 677

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5351	8.6	12h 1m 4s.78	+3s.0670	−0s.0230	+39° 54′ 33″.3	−20″.054	+0″.011	80.2	164 189	40° 2498
5352	9.2	1 29.91	3.0655	0.0210	37 45 4.1	20.054	0.012	84.0	2 4 671	37 2252
5353	9.0	1 47.76	3.0640	0.0215	38 17 42.2	20.054	0.012	80.2	164 189	38 2301
5354	9.5	1 50.64	3.0637	0.0216	38 28 3.5	20.054	0.013	80.3	177 215	38 2302
5355	9.2	2 7.60	3.0634	0.0191	35 22 55.0	20.053	0.013	79.4	7 8	35 2315
5356	8.4	12 2 24.49	+3.0624	−0.0187	+34 54 5.7	−20.053	+0.014	80.2	169 173	35 2316
5357	9.5	2 25.78	3.0616	0.0201	36 46 56.4	20.053	0.014	80.3	199 212	36 2239
5358	8.5	2 28.64	3.0607	0.0216	38 33 4.0	20.053	0.014	82.5	5 Beob. [1]	38 2304
5359	9.4	2 47.31	3.0601	0.0201	36 47 18.2	20.053	0.014	86.4	7 8 674 677	36 2241
5360	9.1	2 55.10	3.0597	0.0198	36 24 27.6	20.053	0.015	80.2	169 173	36 2242
5361	7.3	12 3 7.75	+3.0573	−0.0222	+39 19 47.0	−20.052	+0.015	80.2	164 189	39 2496
5362	9.4	3 47.49	3.0540	0.0222	39 27 28.0	20.052	0.016	84.0	2 4 671	39 2497
5363	9.2	3 56.00	3.0537	0.0217	38 56 32.1	20.051	0.016	80.3	177 215	39 2498
5364	9.1	4 26.00	3.0505	0.0226	40 1 14.9	20.051	0.017	80.2	164 189	40 2507
5365	9.5	4 26.30	3.0509	0.0221	39 27 44.0	20.051	0.017	80.3	199 212	39 2499
5366	8.9	12 4 40.70	+3.0524	−0.0193	+36 4 35.0	−20.050	+0.018	80.3	177 215	36 2243
5367	7.7	4 50.39	3.0487	0.0223	39 49 29.8	20.050	0.018	84.0	2 4 671	39 2500
5368	8.8	5 1.16	3.0478	0.0224	39 52 36.3	20.049	0.019	80.2	164 189	39 2501
5369	6.5	5 11.64	3.0511	0.0184	34 57 25.6	20.049	0.019	86.4	7 8 674 677	35 2321
5370	8.2	5 14.45	3.0494	0.0198	36 47 4.8	20.049	0.019	80.2	169 173	36 2246
5371	8.9	12 5 14.47	+3.0494	−0.0198	+36 47 35.4	−20.049	+0.019	80.2	169 173	36 2245
5372	8.4	5 33.28	3.0456	0.0219	39 27 52.7	20.048	0.019	80.2	164 189	39 2503
5373	9.5	5 44.84	3.0446	0.0220	39 28 44.0	20.048	0.020	80.3	199 212	39 2504
5374	8.9	5 54.18	3.0456	0.0204	37 40 49.5	20.048	0.020	84.0	2 4 671	37 2254
5375	9.0	6 2.33	3.0445	0.0208	38 12 23.3	20.047	0.020	80.3	199 212	38 2310
5376	8.7	12 6 13.86	+3.0449	−0.0198	+36 57 4.9	−20.047	+0.021	80.3	177 215	37 2255
5377	8.4	6 14.89	3.0453	0.0194	36 27 28.2	20.047	0.021	79.4	7 8	36 2248
5378	9.4	6 34.63	3.0455	0.0182	34 57 24.6	20.046	0.021	84.3	6 Beob. [2]	35 2324
5379	8.6	7 26.98	3.0390	0.0200	37 25 58.6	20.044	0.023	84.0	2 4 671	37 2257
5380	9.4	7 42.00	3.0376	0.0201	37 36 36.3	20.043	0.024	79.3	2 4	37 2258
5381	9.3	12 7 55.02	+3.0352	−0.0210	+38 43 48.2	−20.042	+0.024	80.3	177 215	38 2312
5382	9.0	7 56.90	3.0381	0.0190	36 20 7.5	20.042	0.024	79.4	7 8	36 2249
5383	7.3	8 19.90	3.0314	0.0220	40 2 16.3	20.041	0.025	80.2	164 189	40 2513
5384	9.0	8 55.63	3.0307	0.0207	38 35 32.3	20.039	0.026	80.3	177 215	38 2315
5385	8.4	9 3.75	3.0288	0.0214	39 25 51.9	20.039	0.026	80.2	164 189	39 2505
5386	9.2	12 9 4.95	+3.0312	−0.0200	+37 43 4.2	−20.039	+0.026	87.7	5 Beob. [3]	37 2261
5387	9.0	9 7.07	3.0305	0.0204	38 9 41.4	20.038	0.026	80.3	199 212	38 2316
5388	8.6	9 8.41	3.0331	0.0189	36 15 45.2	20.038	0.026	79.4	7 8	36 2250
5389	7.3	9 12.78	3.0282	0.0213	39 21 17.3	20.038	0.026	80.3	199 212	39 2506
5390	9.3	9 15.10	3.0296	0.0204	38 19 2.0	20.038	0.027	80.3	177 215	38 2317
5391	9.5	12 9 20.53	+3.0319	−0.0191	+36 31 33.8	−20.038	+0.027	80.2	169 173	36 2252
5392	8.7	9 31.36	3.0320	0.0186	35 56 33.7	20.037	0.027	86.4	7 8 674 677	36 2254
5393	9.1	10 2.38	3.0229	0.0218	39 59 35.7	20.035	0.028	80.2	164 189	40 2515
5394	9.3	10 22.59[4]	3.0247	0.0202	38 7 52.5	20.034	0.029	89.8 87.7	5 Beob. [4]	38 2319
5395	8.6	10 28.22	3.0240	0.0203	38 19 18.9	20.033	0.029	80.3	177 215	38 2320
5396	8.7	12 10 34.79	+3.0264	−0.0190	+36 37 56.7	−20.033	+0.029	86.4	7 8 681 684	36 2256
5397	8.9	10 39.61	3.0234	0.0202	38 10 43.5	20.033	0.029	84.0	2 4 671	38 2321
5398	8.8	11 5.85	3.0187	0.0213	39 34 36.9	20.031	0.030	80.2	164 189	39 2507
5399	8.4	11 9.12	3.0189	0.0211	39 20 50.1	20.030	0.030	80.2	164 189	39 2508
5400	8.4	11 16.04	3.0241	0.0186	36 13 39.1	20.030	0.030	88.8	173 674 677	36 2257

[1] Z. 2 4 177 215 671 [2] Z. 7 8 169 173 674 677 [3] Z. 2 4 671 674 677 [4] Z. 2 4[22s.18] 671 674 677

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5401	9.1	$12^h\ 11^m\ 34^s43$	$+3^s0232$	-0^s0184	+36° 1' 26"5	-20^s029	$+0^s031$	79.4	7 8	36° 2258
5402	9.5	12 48.26[1]	3.0107	0.0209	39 29 1.8	20.023	0.033	83.3 82.5	5 Beob.[1]	39 2509
5403	8.9	13 4.93	3.0164	0.0184	36 12 17.8	20.022	0.034	79.4	7 8	36 2259
5404	9.4	13 59.71	3.0071	0.0201	38 35 37.2	20.017	0.035	80.3	177 215	} 38 2324
5405	6.4	13 59.90	3.0071	0.0201	38 35 48.4	20.017	0.035	80.3	177 215	
5406	8.9	12 14 8.82	+3.0114	−0.0184	+36 23 54.9	−20.016	+0.036	80.2	169 173	36 2261
5407	8.6	14 14.99	3.0028	0.0211	39 52 24.4	20.016	0.036	80.2	164 189	39 2511
5408	8.8	14 16.79	3.0140	0.0174	34 57 25.8	20.015	0.036	79.4	7 8	35 2331
5409	9.4	14 18.66[2]	3.0075	0.0194	37 50 15.3	20.015	0.036	89.8 87.7	5 Beob.[2]	37 2265
5410	9.4	14 21.72	3.0044	0.0203	39 0 55.1	20.015	0.036	80.2	164 189	39 2513
5411	8.7	12 14 27.11	+3.0117	−0.0178	+35 41 35.7	−20.014	+0.036	80.2	169 173	35 2332
5412	6.9	14 50.49	3.0029	0.0200	38 43 3.5	20.012	0.037	87.7	5 Beob.[3]	38 2326
5413	6.3	14 56.31	3.0104	0.0176	35 22 53.1	20.012	0.037	79.4	7 8	35 2333
5414	8.8	15 49.26	3.0078	0.0172	34 57 6.4	20.006	0.039	79.4	7 8	35 2334
5415	8.1	16 38.39	2.9909	0.0208	39 58 7.4	20.001	0.040	87.7	5 Beob.[3]	40 2529
5416	9.4	12 17 19.13	+2.9952	−0.0187	+37 20 15.2	−19.997	+0.042	79.4	7 8	37 2270
5417	9.2	17 57.03	2.9933	0.0184	37 1 26.1	19.993	0.043	80.3	177 215	37 2271
5418	9.1	18 3.55	2.9937	0.0181	36 43 50.0	19.992	0.043	79.4	7 8	36 2264
5419	9.3	18 5.81	2.9939	0.0180	36 35 57.7	19.992	0.043	80.2	169 173	36 2265
5420	8.9	18 18.79	2.9877	0.0193	38 24 1.7	19.990	0.043	84.0	2 4 671	38 2329
5421	9.3	12 18 21.73	+2.9874	−0.0193	+38 25 11.2	−19.990	+0.043	80.2	164 189	38 2330
5422	8.0	18 40.15	2.9841	0.0197	39 0 35.0	19.988	0.044	86.8[4]	199 212 674 677	39 2519
5423	8.8	18 51.91	2.9939	0.0172	35 27 26.3	19.986	0.045	79.4	7 8	35 2337
5424	7.9	18 55.26	2.9864	0.0189	37 54 49.2	19.986	0.044	84.0	2 4 671	38 2331
5425	8.4	19 3.03	2.9886	0.0182	36 59 56.9	19.985	0.045	80.2	169 173	37 2273
5426	8.6	12 19 11.12	+2.9787	−0.0204	+39 55 27.5	−19.984	+0.045	80.2	164 189	40 2536
5427	7.1	19 15.55	2.9812	0.0196	39 2 29.2	19.983	0.045	80.3	177 215	39 2520
5428	8.7	19 17.49	2.9841	0.0190	38 5 44.4	19.983	0.045	80.3	177 215	38 2333
5429	**5.3**	**19 41.33**	**2.9770**	**0.0201**	**39 42 43.9**	**19.980**	**0.046**		**Fund. Cat.**	**39 2521**
5430	9.3	19 48.77	2.9777	0.0198	39 18 41.3	19.979	0.046	80.2	164 189	39 2522
5431	9.7	12 19 49.01[5]	+2.9913	−0.0167	+35 2 45.2	−19.979	+0.047	94.6 92.5	7 Beob.[5]	35 2338
5432	9.2	19 55.60	2.9780	0.0196	39 4 29.8	19.978	0.046	80.3	199 212	39 2523
5433	8.7	19 59.46	2.9757	0.0200	39 40 4.9	19.978	0.046	80.3	177 215	39 2524
5434	9.5	20 11.23	2.9803	0.0188	38 0 26.3	19.976	0.046	80.2	164 189	38 2335
5435	7.9	20 12.97	2.9809	0.0186	37 48 20.3	19.976	0.046	84.0	2 4 671	37 2276
5436	6.8	12 21 1.06	+2.9797	−0.0180	+37 4 2.6	−19.970	+0.049	86.4	7 8 674 677	37 2278
5437	8.5	21 49.64	2.9796	0.0172	36 3 47.3	19.963	0.050	80.2	169 173	36 2269
5438	8.5	21 58.64	2.9744	0.0181	37 22 35.2	19.962	0.050	80.2	164 189	37 2279
5439	7.4	22 14.72	2.9804	0.0167	35 18 59.2	19.960	0.051	79.4	7 8	35 2342
5440	9.0	22 30.73	2.9641	0.0196	39 31 20.9	19.958	0.051	82.5	5 Beob.[6]	39 2525
5441	9.2	12 22 43.07	+2.9660	−0.0189	+38 45 35.5	−19.956	+0.051	80.3	177 215	38 2341
5442	8.9	22 48.27	2.9674	0.0186	38 17 11.9	19.955	0.051	84.0	2 4 671	38 2342
5443	8.1	23 4.79	2.9738	0.0172	36 13 28.2	19.953	0.052	80.2	169 173	36 2270
5444	6.8	23 5.45	2.9767	0.0166	35 23 38.5	19.953	0.053	79.4	7 8	35 2343
5445	7.4	24 6.03	2.9547	0.0197	39 56 31.0	19.943	0.053	80.2	164 189	40 2542
5446	9.2	12 24 8.75	+2.9616	−0.0184	+38 12 15.9	−19.943	+0.053	80.3	177 215	38 2343
5447	9.2	24 15.48	2.9679	0.0172	36 27 3.5	19.942	0.055	80.2	169 173	36 2274
5448	9.2	24 15.53	2.9628	0.0181	37 45 24.6	19.942	0.054	84.0	2 4 671	37 2284
5449	8.4	24 23.49	2.9720	0.0163	35 12 13.3	19.941	0.055	79.4	7 8	35 2346
5450	9.4	24 27.07	2.9728	0.0161	34 55 28.4	19.940	0.055	87.8	224(½) 228 674 677	35 2347

[1] Z. 2 4[47^s58] 164 189 671 [2] Z. 2 4[18^s16] 671 674 677 [3] Z. 2 4 671 674 677
[4] E.B. -0^s051 $+0^s03$ [5] Z. 674 677; M 6[48^s06] 328 329[49^s54]; R(2) [6] Z. 2 4 164 189 671

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5451	9.5	12^h 24^m $38^s.45$	$+2^s.9627$	$-0^s.0177$	+37° 20′ 55″.7	−19″.938	+0″.055	80.3	177 215	37° 2286
5452	8.4	24 53.56	2.9555	0.0187	38 51 19.6	19.936	0.055	84.0	2 4 671	38 2344
5453	8.0	24 57.77	2.9647	0.0171	36 30 28.0	19.935	0.056	79.4	7 8	36 2276
5454	9.2	24 58.41	2.9510	0.0194	39 49 36.5	19.935	0.055	80.2	164 189	39 2528
5455	9.0	25 0.80	2.9530	0.0190	39 18 1.2	19.935	0.055	80.3	199 212	39 2529
5456	9.0	12 25 2.46	+2.9700	−0.0161	+35 2 48.2	−19.935	+0.056	80.1	224 228 M 7	35 2348
5457	8.3	25 4.62	2.9520	0.0191	39 28 25.5	19.934	0.055	80.3	199 212	39 2530
5458	9.5	25 27.57	2.9691	0.0159	34 50 39.4	19.931	0.057	79.8	5 Beob. [1]	34 2321
5459	9.0	25 56.50	2.9494	0.0188	39 7 26.7	19.926	0.057	80.2	164 189	39 2531
5460	*9.0	26 22.49	2.9606	0.0166	36 1 18.8	19.922	0.058	80.2	169 173	36 2278
5461	9.0	12 26 23.42	+2.9535	−0.0177	+37 44 8.9	−19.921	+0.057	84.0	2 4 671	37 2289
5462	8.3	26 26.79	2.9582	0.0169	36 31 19.9	19.921	0.059	84.0	177 215 674	36 2279
5463	8.6	26 36.58	2.9627	0.0161	35 16 25.6	19.919	0.059	86.4	7 8 674 677	35 2349
5464	9.3	26 51.96	2.9533	0.0174	37 15 13.0	19.917	0.060	80.3	177 215	37 2290
5465	8.1	27 15.53	2.9618	0.0157	34 51 7.6	19.913	0.060	80.2	169 173	34 2331
5466	8.6	12 27 19.86	+2.9569	−0.0164	+35 56 35.4	−19.912	+0.060	80.2	169 173	36 2280
5467	8.8	27 20.41	2.9396	0.0190	39 49 1.6	19.912	0.059	86.3	2 4 674 677	39 2533
5468	6.0	27 23.97	2.9442	0.0183	38 45 33.3	19.911	0.059	79.3	2 4	38 2347
5469	8.6	27 28.87	2.9413	0.0187	39 18 13.3	19.910	0.059	80.2	164 186	39 2534
5470	8.7	27 29.79	2.9412	0.0187	39 18 37.4	19.910	0.059	80.2	164 189	39 2535
5471	8.2	12 27 30.12	+2.9380	−0.0192	+39 58 53.2	−19.910	+0.060	80.3	177 215	40 2548
5472	9.2	27 36.68	2.9395	0.0188	39 33 25.1	19.909	0.060	80.3	199 212	39 2536
5473	8.7	28 36.48	2.9468	0.0170	37 0 31.9	19.898	0.062	80.3	199 212	37 2293
5474	9.7	28 45.77	2.9452	0.0171	37 12 29.5	19.897	0.063	80.4	218 221	37 2294
5475	8.6	28 47.33	2.9447	0.0171	37 16 31.7	19.896	0.063	80.3	164 177 189 215	37 2295
5476	7.9	12 28 53.54	+2.9454	−0.0169	+37 0 57.9	−19.895	+0.063	80.3	199 212	37 2297
5477	9.5	29 4.32	2.9466	0.0166	36 36 42.1	19.893	0.063	86.4	7 8 674 677	36 2283
5478	8.1	29 4.50	2.9442	0.0170	37 6 53.2	19.893	0.063	90.1	221 672 681 684	37 2298
5479	8.7	29 10.22	2.9452	0.0168	36 48 59.0	19.892	0.063	80.2	169 173	36 2284
5480	8.9	29 12.76	2.9489	0.0162	35 57 36.2	19.892	0.063	88.1	5 Beob. [2]	36 2285
5481	8.0	12 29 13.24	+2.9440	−0.0169	+37 1 44.3	−19.891	+0.064	80.3	199 212	37 2299
5482	8.6	29 22.23	2.9461	0.0165	36 26 7.0	19.890	0.064	80.4	224 228	36 2286
5483	7.6	29 31.23	2.9531	0.0154	34 44 53.7	19.888	0.064	79.8	7 8 169 173	34 2336
5484	8.6	29 44.97	2.9360	0.0176	38 12 47.3	19.886	0.064	80.4	218 221	38 2349
5485	8.9	29 48.12	2.9345	0.0178	38 28 28.8	19.885	0.064	86.3	2 4 674 677	38 2350
5486	8.6	12 29 53.70	+2.9414	−0.0168	+36 56 51.4	−19.884	+0.065	88.1	5 Beob. [3]	37 2300
5487	9.2	29 59.71	2.9290	0.0184	39 23 16.3	19.883	0.064	86.8	199 212 674 677	39 2539
5488	8.7	30 2.46	2.9477	0.0158	35 28 23.5	19.882	0.065	80.3	177 215	35 2355
5489	8.6	30 26.25	2.9239	0.0188	39 57 58.2	19.878	0.065	80.2	164 189	40 2553
5490	8.5	31 17.84	2.9452	0.0153	34 54 25.9	19.868	0.067	79.4	7 8	35 2356
5491	9.3	12 31 30.00	+2.9184	−0.0186	+40 1 44.7	−19.865	+0.067	80.3	184 208	40 2556
5492	8.8	31 30.67	2.9265	0.0176	38 30 9.1	19.865	0.067	79.4	9 11	38 2351
5493	7.2	31 35.34	2.9215	0.0182	39 22 29.7	19.864	0.067	80.3	177 215	39 2540
5494	8.9	31 47.75	2.9292	0.0170	37 43 31.7	19.862	0.068	86.4	9 11 675 681	37 2303
5495	9.3	32 8.28	2.9189	0.0181	39 21 59.8	19.857	0.068	80.3	184 208	39 2541
5496	6.9	12 32 38.83	+2.9380	−0.0153	+35 15 50.2	−19.851	+0.069	79.4	7 8	35 2359
5497	7.2	32 46.25	2.9124	0.0183	40 0 3.7	19.850	0.069	79.8	9 11 184 208	40 2558
5498	6.2	33 11.89	2.9287	0.0161	36 38 21.7	19.844	0.070	90.9	10 Beob. [4]	36 2295
5499	9.4	33 14.19	2.9174	0.0175	38 42 41.1	19.844	0.070	80.3	199 212	38 2352
5500	8.5	33 14.28	2.9375	0.0150	34 53 57.1	19.844	0.070	80.2	169 173	35 2362

[1] Z. 7 8 169 173; M 6 [2] Z. 224 228 672 681 684 [3] Z. 177 215 672 681 684
[4] Z. 672 675 681 684; M 174 175 290 291 292 293

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5501	9.1	12h 33m 30s.42	+2s.9255	−0s.0163	+36° 59′ 35″.2	−19″.840	+0″.071	80.3	177 215	37° 2305
5502	7.9	33 40.02	2.9312	0.0155	35 46 31.0	19.838	0.071	80.2	169 173	35 2363
5503	9.1	33 53.30	2.9201	0.0167	37 41 8.1	19.835	0.071	79.4	9 11	37 2306
5504	9.3	33 57.61	2.9072	0.0182	39 53 42.2	19.834	0.071	80.3	184 208	40 2561
5505	6.6	34 3.35	2.9344	0.0149	34 51 9.6	19.833	0.072	86.4	7 8 675 681	34 2341
5506	9.5	12 34 24.33	+2.9200	−0.0164	+37 16 43.1	−19.829	+0.072	80.2	169 173	37 2307
5507	7.2	34 47.18	2.9318	0.0147	34 47 29.0	19.824	0.073	79.4	7 8	34 2342
5508	9.3	35 20.23	2.9135	0.0166	37 42 13.6	19.816	0.074	80.3	177 215	37 2310
5509	8.1	35 23.13	2.9053	0.0174	39 4 35.6	19.816	0.074	80.3	184 208	39 2544
5510	9.1	35 36.23	2.9076	0.0170	38 30 39.5	19.813	0.074	86.4	9 11 675 681	38 2357
5511	8.6	12 35 48.81	+2.9225	−0.0151	+35 44 8.5	−19.810	+0.075	79.4	7 8	35 2366
5512	8.8	36 1.34	2.9184	0.0155	36 19 19.4	19.807	0.075	80.2	169 173	36 2299
5513	9.1	36 2.22	2.9174	0.0156	36 29 34.5	19.807	0.075	80.3	177 215	36 2300
5514	8.9	36 26.24	2.9148	0.0156	36 38 9.7	19.801	0.076	80.3	199 212	36 2301
5515	9.2	36 50.66	2.9079	0.0163	37 31 7.8	19.797	0.077	79.4	9 11	37 2312
5516	8.9	12 37 3.98	+2.8945	−0.0174	+39 32 27.4	−19.793	+0.077	86.8	184 208 675 681	39 2551
5517	9.3	37 4.09	2.9205	0.0147	35 10 49.4	19.792	0.077	79.4	7 8	35 2367
5518	9.0	37 4.51	2.8993	0.0170	38 46 55.9	19.792	0.077	80.3	177 215	38 2360
5519	8.9	37 8.42	2.8991	0.0169	38 44 49.2	19.792	0.077	80.3	199 212	38 2361
5520	8.7	37 20.44	2.9096	0.0156	36 51 32.3	19.789	0.077	80.2	169 173	36 2303
5521	8.8	12 37 35.59	+2.9136	−0.0151	+35 59 41.9	−19.785	+0.078	80.3	199 212	36 2304
5522	8.4	37 54.02	2.9180	0.0145	35 1 53.6	19.781	0.079	86.3[1]	7 8 672 684	35 2369
5523	9.2	37 54.20	2.8955	0.0168	38 45 36.3	19.781	0.078	80.4	218 221	38 2362
5524	7.0	38 6.31	2.9088	0.0153	36 27 10.3	19.778	0.079	80.4	224 228	36 2305
5525	9.4	38 11.96[2]	2.9011	0.0163	37 39 32.9	19.776	0.079	88.8 86.4	9 11 675 681	37 2315
5526	8.3	12 38 15.23	+2.9038	−0.0158	+37 10 10.4	−19.776	+0.079	80.3	177 215	37 2316
5527	9.5	38 16.68	2.8985	0.0163	38 0 43.9	19.775	0.079	86.8	218 221 675 681	38 2364
5528	9.0	38 21.81	2.8912	0.0170	39 6 14.5	19.774	0.079	80.3	184 208	39 2554
5529	8.7	38 25.03	2.9155	0.0145	35 6 6.6	19.773	0.079	80.2	169 173	35 2370
5530	9.2	38 29.73	2.9040	0.0156	36 57 49.8	19.772	0.079	80.3	177 199 215	37 2317
5531	9.4	12 38 40.85	+2.9002	−0.0159	+37 26 55.4	−19.769	+0.080	86.4	9 11 672 684	37 2318
5532	8.1	38 46.83	2.9068	0.0152	36 19 39.1	19.768	0.080	79.8	7 8 169 173	36 2306
5533	9.0	38 50.15	2.9027	0.0155	36 56 24.0	19.767	0.080	88.8	212 672 684	37 2319
5534	5.5	39 3.88	2.8822	0.0174	39 57 32.3	19.764	0.080	90.5[3]	9 Beob.[4]	40 2570
5535	8.7	39 39.46	2.8866	0.0167	38 52 46.4	19.755	0.081	80.3	177 215	38 2366
5536	8.7	12 39 42.16	+2.8853	−0.0168	+39 2 38.2	−19.754	+0.081	80.3	199 212	39 2558
5537	9.5	40 3.93	2.8785	0.0172	39 48 8.1	19.749	0.081	80.3	184 208	39 2559
5538	9.3	40 10.35	2.8945	0.0156	37 19 11.5	19.747	0.082	80.2	169 173	37 2320
5539	9.5	40 21.39	2.8920	0.0158	37 35 25.2	19.744	0.082	86.4	9 11 675 681	37 2322
5540	9.1	40 21.40	2.9050	0.0145	35 32 5.2	19.744	0.083	79.4	7 8	35 2372
5541	9.1	12 40 27.61	+2.8923	−0.0156	+37 27 34.7	−19.743	+0.083	80.2	169 173	37 2323
5542	8.4	40 39.77	2.8910	0.0157	37 31 55.6	19.739	0.083	79.4	9 11	37 2324
5543	9.0	41 33.53	2.8728	0.0168	39 35 45.6	19.725	0.084	79.4	9 11	39 2562
5544	9.2	42 1.11	2.9014	0.0140	35 1 4.3	19.718	0.085	79.4	7 8	35 2373
5545	8.6	42 15.69	2.8875	0.0151	37 0 43.3	19.714	0.086	80.2	169 173	37 2325
5546	8.0	12 42 30.57	+2.8863	−0.0151	+37 1 31.0	−19.710	+0.086	80.3	177 215	37 2326
5547	9.4	42 49.42	2.8794	0.0156	37 49 17.7	19.705	0.086	86.8	177 215 675 681	37 2327
5548	9.1	42 53.83	2.8924	0.0144	35 51 17.9	19.704	0.086	79.4	7 8	35 2375
5549	8.7	42 54.75	2.8811	0.0154	37 31 16.2	19.704	0.087	86.4	9 11 675 681	37 2328
5550	8.6	42 56.97	2.8960	0.0140	35 16 26.0	19.703	0.087	80.2	169 173	35 2376

[1] E.B. −0s.029 −0″.11 [2] Z. 9 [10s.94] [3] E.B. −0s.033 +0″.15 (Porter)

[4] Z. 184 208 675 681; M 290 291 292 293 294

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5551	9.4	12h 42m 58s.46	+2s.8870	−0s.0148	+36° 37′ 14″.3	−19″.703	+0″.087	80.3	199 212	36° 2308
5552	9.4	43 3.44	2.8781	0.0156	37 52 10.7	19.701	0.087	80.4	218 221	37 2329
5553	7.7	43 16.22	2.8898	0.0144	36 0 11.4	19.698	0.087	80.3	199 212	36 2309
5554	9.4	43 18.40	2.8691	0.0163	38 58 25.1	19.697	0.087	80.4	221 224 228	39 2565
5555	9.3	43 22.31	2.8632	0.0167	39 43 39.1	19.696	0.087	80.3	184 208	39 2566
5556	9.4	12 43 27.31	+2.8910	−0.0142	+35 43 14.7	−19.695	+0.088	80.2	169 173	35 2378
5557	9.5	43 34.80	2.8903	0.0142	35 44 59.6	19.693	0.088	81.2	M 174 175	35 2379
5558	9.4	43 37.34	2.8736	0.0157	38 8 34.3	19.692	0.088	80.3	177 215	38 2372
5559	8.7	43 44.50	2.8951	0.0137	34 55 26.1	19.690	0.088	79.4	7 8	35 2380
5560	8.2	43 45.36	2.8664	0.0162	39 2 58.8	19.690	0.088	80.3	184 208	39 2568
5561	8.7	12 44 7.86	+2.8622	−0.0164	+39 23 2.0	−19.684	+0.088	80.3	177 215	39 2569
5562	5.9	44 14.00	2.8705	0.0156	38 11 50.8	19.682	0.089	89.3	9 Beob. [1]	38 2373
5563	8.9	44 14.96	2.8750	0.0152	37 33 3.2	19.682	0.089	79.4	9 11	37 2331
5564	7.5	44 18.85	2.8828	0.0145	36 24 27.8	19.681	0.089	86.8	169 173 675 681	36 2311
5565	8.9	44 26.38	2.8602	0.0164	39 27 38.4	19.678	0.089	80.3	184 208	39 2570
5566	8.9	12 45 8.10	+2.8674	−0.0154	+38 4 3.8	−19.667	+0.090	86.4	9 11 675 681	38 2374
5567	9.3	45 44.56	2.8571	0.0159	39 3 4.7	19.656	0.091	79.4	9 11	39 2571
5568	8.9	45 56.57	2.8707	0.0146	37 7 46.9	19.653	0.092	79.8	8 7a 169 173	37 2332
5569	9.3	46 30.97	2.8623	0.0151	37 55 8.9	19.643	0.092	79.4	9 11	38 2376
5570	9.2	46 35.85	2.8710	0.0144	36 41 50.4	19.641	0.093	79.4	8 7a	36 2313
5571	9.0	12 46 48.83	+2.8497	−0.0159	+39 21 49.6	−19.637	+0.093	80.3	184 208	39 2573
5572	8.9	47 39.64	2.8515	0.0154	38 39 8.5	19.622	0.094	80.3	177 215	38 2377
5573	7.4	47 47.08	2.8681	0.0140	36 25 4.9	19.620	0.095	79.4	8 7a	36 2314
5574	8.8	48 11.01	2.8569	0.0147	37 39 58.9	19.613	0.095	79.4	9 11	37 2334
5575	9.2	48 12.29	2.8401	0.0160	39 45 8.1	19.612	0.095	80.3	184 208	39 2577
5576	9.6	12 48 37.95	+2.8640	−0.0140	+36 29 50.9	−19.604	+0.097	86.4	7a 675 681 M9	36 2318
5577	8.9	48 41.50	2.8572	0.0145	37 20 22.1	19.603	0.097	80.2	169 173	37 2335
5578	9.0	48 49.07	2.8404	0.0157	39 21 16.6	19.601	0.096	86.8	184 208 675 681	39 2579
5579	9.0	48 57.58	2.8471	0.0151	38 27 28.4	19.598	0.096	79.4	9 11	38 2380
5580	9.6	49 44.20	2.8462	0.0149	38 8 21.7	19.584	0.098	93.3	675 681	38 2381
5581	8.4[2]	12 49 45.48	+2.8582	−0.0139	+36 37 35.5	−19.583	+0.099	79.4	8 7a	36 2320
5582	**2.9**	**50 10.71**	**2.8372**	**0.0152**	**38 59 37.9**	**19.576**	**0.098**		**Fund. Cat.**	**39 2580**
5583	8.4	50 12.08	2.8609	0.0136	36 1 40.3	19.575	0.099	80.2	169 173	36 2321
5584	9.0	50 18.50	2.8410	0.0149	38 27 50.5	19.573	0.099	86.4	9 11 672 684	38 2382
5585	9.4	50 55.47	2.8389	0.0148	38 22 53.2	19.561	0.099	88.8	11 675 681	38 2384
5586	9.1	12 51 14.83	+2.8269	−0.0155	+39 36 32.2	−19.555	+0.100	80.3	184 208	39 2583
5587	7.9	51 56.93	2.8425	0.0141	37 24 18.0	19.541	0.102	79.4	8 7a	37 2341
5588	9.2	51 59.61	2.8282	0.0150	39 3 44.5	19.540	0.102	79.4	9 11	39 2584
5589	9.1	52 9.35	2.8432	0.0139	37 12 58.6	19.537	0.102	80.2	169 173	37 2342
5590	9.2	52 39.51	2.8249	0.0149	39 5 11.1	19.527	0.102	79.4	9 11	39 2585
5591	8.5	12 52 41.33	+2.8259	−0.0149	+38 57 21.2	−19.527	+0.102	80.3	184 208	39 2586
5592	8.8	52 44.35	2.8257	0.0149	38 57 25.5	19.526	0.102	80.3	184 208	39 2587
5593	9.3	52 55.56	2.8319	0.0143	38 8 37.5	19.522	0.103	80.3	177 215	38 2388
5594	9.5	53 2.31	2.8175	0.0153	39 42 44.4	19.520	0.103	80.3	199 212	39 2588
5595	7.7	53 3.19	2.8557	0.0128	35 13 14.9	19.519	0.104	93.3	675 681	35 2387
5596	7.9	12 53 30.80	+2.8262	−0.0145	+38 29 35.9	−19.510	+0.104	79.4	9 11	38 2389
5597	8.5	53 38.02	2.8531	0.0127	35 14 39.2	19.508	0.105	79.4	8 7a	35 2389
5598	7.3	54 13.29	2.8480	0.0129	35 35 37.5	19.496	0.106	80.2	169 173	35 2391
5599	7.2	54 16.13	2.8471	0.0129	35 40 21.9	19.495	0.106	80.2	169 173	35 2392
5600	9.4	54 25.78	2.8366	0.0134	36 50 33.4	19.491	0.106	88.8	218 675 681	36 2327

[1] Z. 672 684; M 81 174 175 290 291 292 293   [2] 7.7 9.0; BD 8.4

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5601	9.1	$12^h\ 54^m\ 32^s.32$	$+2^s.8396$	$-0^s.0132$	+36° 25' 54".5	−19".489	+0".106	80.3	199 212	36° 2328
5602	8.9	54 36.96	2.8222	0.0143	38 23 32.1	19.488	0.105	80.3	177 215	38 2391
5603	9.4	54 39.69	2.8438	0.0130	35 52 53.0	19.487	0.106	87.4 86.4	8[1] 7[a] 672 684	35 2394
5604	8.5	54 59.18	2.8094	0.0149	39 36 1.6	19.480	0.105	80.3	184 208	39 2589
5605	9.3	55 4.69	2.8267	0.0138	37 39 0.5	19.478	0.106	79.4	9 11	37 2350
5606	8.8	12 55 6.94	+2.8101	−0.0148	+39 27 30.2	−19.477	+0.106	80.3	199 212	39 2590
5607	9.5	55 12.23	2.8247	0.0139	37 48 58.6	19.475	0.106	88.8	177 675 681	37 2351
5608	8.5	55 14.52	2.8223	0.0140	38 4 14.9	19.474	0.106	80.4	218 221	38 2392
5609	9.2	55 19.09	2.8354	0.0132	36 32 23.9	19.473	0.107	80.2	169 173	36 2331
5610	9.3	55 23.40	2.8081	0.0148	39 32 27.7	19.471	0.106	86.8	199 212 675 681	39 2591
5611	8.7	12 55 28.09	+2.8276	−0.0136	+37 21 22.9	−19.470	+0.107	86.8	177 215 672 684	37 2352
5612	7.0	55 29.41	2.8152	0.0144	38 43 17.2	19.469	0.107	79.4	9 11	38 2394
5613	9.0	55 35.50	2.8252	0.0137	37 34 16.5	19.467	0.107	87.4 86.4	8 7[a][1] 672 684	37 2353
5614	9.2	55 54.87	2.8158	0.0141	38 26 49.1	19.460	0.107	80.4	218 221	38 2395
5615	7.4	56 31.16	2.8171	0.0138	38 1 10.6	19.448	0.108	79.4	9 11	38 2396
5616	8.5	12 56 32.08	+2.8031	−0.0146	+39 29 43.7	−19.447	+0.108	80.3	184 208	39 2592
5617	8.6	56 33.03	2.8025	0.0146	39 33 14.9	19.447	0.108	80.3	184 208	39 2593
5618	9.6	57 5.37	2.8004	0.0145	39 30 32.4	19.435	0.109	80.3	177 215	39 2594
5619	9.3	58 4.44	2.8097	0.0136	38 4 24.8	19.414	0.111	79.4	9 11	38 2397
5620	9.3	58 13.42	2.7951	0.0144	39 30 54.8	19.411	0.111	80.3	184 208	39 2596
5621	9.4	12 58 28.62	+2.8335	−0.0121	+35 18 2.8	−19.405	+0.113	79.4	8 7[a]	35 2400
5622	8.8	58 33.14	2.7978	0.0141	39 6 17.7	19.403	0.112	84.6	6 Beob.[2]	39 2597
5623	8.4	58 35.91	2.8294	0.0123	35 40 43.6	19.402	0.113	80.2	169 173	35 2401
5624	9.2	58 48.44[3]	2.8284	0.0123	35 41 51.7	19.398	0.113	88.7 86.4	8 7[a] 675 681	35 2402
5625	7.3	58 52.59	2.7872	0.0146	39 59 40.4	19.396	0.111	80.3	184 208	40 2618
5626	9.3	12 58 56.86	+2.8087	−0.0133	+37 46 17.5	−19.395	+0.112	86.8	177 215 672 684	37 2359
5627	8.4	59 8.31	2.8062	0.0134	37 56 40.9	19.390	0.113	86.4	9 11 672 684	38 2398
5628	8.8	59 15.19	2.8157	0.0129	36 53 18.7	19.388	0.113	80.4	218 221	36 2336
5629	9.6	59 23.42[4]	2.8040	0.0134	38 3 39.9	19.385	0.113	90.5 91.1	8 Beob.[4]	38 2399
5630	8.7	59 24.40	2.8069	0.0132	37 44 29.8	19.384	0.113	80.3	177 215	37 2360
5631	9.1	12 59 27.10	+2.7978	−0.0137	+38 40 39.8	−19.383	+0.113	80.3	199 212	38 2400
5632	5.6	59 53.59	2.8169	0.0125	36 28 5.6	19.373	0.114	87.2	15 Beob.[5]	36 2337
5633	9.2	13 0 1.31	2.7931	0.0137	38 53 2.8	19.370	0.114	79.4	9 11	38 2401
5634	8.1	0 8.78	2.7906	0.0138	39 4 26.4	19.368	0.114	80.3	184 208	39 2599
5635	9.1	0 35.00	2.8000	0.0132	37 55 36.7	19.358	0.115	79.4	9 11	38 2402
5636	9.3	13 0 36.31	+2.7871	−0.0138	+39 12 46.4	−19.357	+0.115	80.3	206 209	39 2601
5637	9.0	0 59.25	2.7808	0.0141	39 39 28.8	19.348	0.115	80.3	184 208	39 2602
5638	9.0	1 3.04	2.8092	0.0126	36 46 46.0	19.347	0.117	84.0	3 5 678	36 2339
5639	9.2	1 8.69	2.8072	0.0126	36 56 13.7	19.345	0.116	80.3	190 196 200 203	37 2361
5640	7.6	1 27.44	2.7961	0.0131	37 56 8.3	19.338	0.116	80.4	219 222	38 2403
5641	8.7	13 1 35.36	+2.7752	−0.0141	+39 55 14.4	−19.334	+0.116	80.3	184 208	40 2624
5642	9.4	1 37.53	2.7985	0.0129	37 37 21.0	19.333	0.117	80.3	200 203	37 2363
5643	9.4	1 40.53	2.8096	0.0123	36 28 2.6	19.332	0.117	80.3	190 196	36 2341
5644	9.0	1 44.49	2.8224	0.0116	35 4 11.9	19.331	0.118	84.0	3 5 678	35 2406
5645	9.1	1 55.75	2.7747	0.0140	39 48 50.8	19.326	0.116	80.3	206 209	39 2605
5646	9.0	13 1 56.96	+2.7958	−0.0129	+37 44 59.5	−19.326	+0.117	86.4	9 11 673 676	37 2365
5647	8.5	2 5.77	2.7741	0.0140	39 48 14.3	19.323	0.116	80.3	206 209	39 2606
5648	8.1	2 8.13	2.7960	0.0128	37 38 41.0	19.322	0.117	80.3	219 222	37 2367
5649	8.2	2 28.75	2.7765	0.0137	39 24 35.8	19.314	0.117	80.3	200 203	39 2607
5650	9.3	2 45.03	2.8127	0.0117	35 40 23.6	19.307	0.119	87.7	5 Beob.[6]	35 2408

[1] *a* Gew. ½ [2] Z. 177 199 212 215 675 681 [3] Z. 7[a] [$47^s.91$] [4] Z. 218 221 675 681; M 330[$24^s.24$] 331; R(2)
[5] Z. 3 5 672 678 684; M 17 70 71 174 175 291 292 293 294 295 [6] Z. 3 5 673 676 678

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5651	7.4	13h 2m 53s.65	+2s.7903	−0s.0128	+37° 53′ 26″.8	−19″.304	+0″.118	79.3	9 11	37° 2369
5652	9.3	3 0.69	2.8106	0.0117	35 46 52.0	19.301	0.120	80.3	206 209	35 2410
5653	8.9	3 16.83	2.7753	0.0134	39 9 58.8	19.295	0.119	80.3	184 208	39 2608
5654	8.8	3 29.55	2.7761	0.0133	39 0 14.6	19.290	0.119	80.3	200 203	39 2609
5655	8.9	3 46.48	2.7650	0.0138	39 54 51.9	19.283	0.119	80.3	184 208	40 2628
5656	5.8	13 3 52.72	+2.7839	−0.0128	+38 5 22.9	−19.280	+0.120	84.9	6 Beob. [1]	38 2407
5657	9.2	3 55.85	2.7681	0.0135	39 33 47.3	19.279	0.119	89.6	6 Beob. [2]	39 2610
5658	6.5	3 56.75	2.7719	0.0134	39 12 1.9	19.279	0.120	80.3	219 222	39 2611
5659	8.0	4 15.86	2.7851	0.0126	37 49 8.9	19.271	0.120	86.4	9 11 688 690	37 2371
5660	9.6	4 16.49	2.8100	0.0114	35 19 7.6[3]	19.271	0.122	87.5 86.3	5 Beob. [3]	35 2412
5661	7.2	13 4 16.66	+2.7684	−0.0134	+39 23 25.4	−19.271	+0.120	80.3	219 222	39 2613
5662	8.3	4 18.37	2.7644	0.0136	39 44 26.7	19.270	0.120	80.3	206 209	39 2612
5663	**5.6**	**4 18.69**	**2.7706**	**0.0133**	**39 9 49.2**	**19.270**	**0.120**		**Fund. Cat.**	**39 2614**
5664	9.6	4 43.90	2.7626	0.0135	39 43 51.8	19.260	0.120	79.4	11; M 9 12	39 2615
5665	8.3	4 49.04	2.7951	0.0120	36 35 59.8	19.258	0.122	80.3	200 203	36 2344
5666	6.7	13 4 56.26	+2.8108	−0.0111	+34 58 2.5	−19.255	+0.123	84.0	3 5 678	35 2414
5667	9.0	5 19.02	2.8064	0.0112	35 16 31.3	19.245	0.123	80.3	190 196	35 2416
5668	8.9	5 29.60	2.8022	0.0114	35 37 18.3	19.241	0.123	87.7	5 Beob. [4]	35 2418
5669	8.4	5 44.30	2.8059	0.0111	35 9 11.2	19.235	0.124	80.3	190 196	35 2419
5670	9.1	5 45.21	2.7912	0.0119	36 36 13.0	19.235	0.123	80.3	206 209	36 2345
5671	9.2	13 5 52.23	+2.7585	−0.0133	+39 37 35.2	−19.232	+0.122	80.3	184 208	39 2616
5672	9.5	5 55.47	2.7726	0.0126	38 18 45.2	19.230	0.123	80.3	200 203	38 2410
5673	9.0	6 4.21	2.7967	0.0115	35 56 23.8	19.227	0.124	80.3	219 222	36 2346
5674	9.1	6 16.36	2.7900	0.0118	36 31 3.5	19.222	0.124	80.3	206 209	36 2347
5675	8.2	6 18.32	2.7788	0.0122	37 34 26.8	19.221	0.124	79.3	9 11	37 2376
5676	9.2	13 6 23.05	+2.7570	−0.0132	+39 32 17.6	−19.219	+0.123	80.3	225 229	39 2617
5677	8.0	6 23.23	2.8001	0.0112	35 28 39.7	19.219	0.125	80.3	219 222	35 2420
5678	9.5	6 38.93	2.7573	0.0131	39 23 55.2	19.212	0.124	86.8	225 229 673 676	39 2618
5679	9.2	6 46.58	2.7614	0.0128	38 59 7.4	19.209	0.124	80.3	184 208 219 222	39 2619
5680	7.9	6 57.82	2.8007	0.0110	35 11 36.3	19.204	0.126	84.0	3 5 678	35 2421
5681	8.4	13 7 0.78	+2.7968	−0.0112	+35 33 3.3	−19.203	+0.126	80.3	190 196	35 2422
5682	8.5	7 6.09	2.8026	0.0108	34 56 43.6	19.201	0.126	80.3	206 209	35 2423
5683	9.1	7 14.81	2.7719	0.0122	37 50 10.8	19.197	0.125	79.3	9 11	37 2380
5684	6.7[5]	7 18.09	2.7595	0.0127	38 56 39.3	19.196	0.125	80.3	184 208 225 229	39 2620
5685	9.0	7 21.37	2.7692	0.0123	38 2 27.2	19.194	0.125	80.3	200 203	38 2412
5686	9.0	13 7 42.42	+2.7901	−0.0113	+35 56 4.8	−19.185	+0.126	84.0	3 5 678	36 2349
5687	9.4	7 43.13	2.7853	0.0115	36 23 41.5	19.185	0.127	86.7	190 196 673 676	36 2350
5688	6.0	7 50.26	2.7725	0.0120	37 33 3.5	19.182	0.126	79.3	9 11	37 2383
5689	8.4	7 55.16	2.7575	0.0126	38 52 37.1	19.180	0.126	80.3	219 222	38 2413
5690	9.2	7 59.44	2.7631	0.0123	38 20 54.7	19.178	0.126	80.3	200 203	38 2414
5691	9.2	13 8 9.53	+2.7615	−0.0124	+38 25 22.7	−19.174	+0.126	80.3	206 209	38 2415
5692	9.2	8 46.97	2.7927	0.0108	35 16 4.4	19.158	0.129	84.0	3 5 678	35 2426
5693	8.6	9 18.05	2.7908	0.0107	35 15 37.0	19.144	0.130	80.2	190 196	35 2427
5694	9.2	9 21.66	2.7688	0.0117	37 17 36.9	19.143	0.129	80.3	200 203	37 2385
5695	6.8	9 22.24	2.7816	0.0111	36 6 27.0	19.143	0.129	80.3	206 209	36 2352
5696	9.5	13 9 24.18	+2.7378	−0.0130	+39 59 16.7	−19.142	+0.127	80.3	219 222	40 2636
5697	9.2	9 29.10	2.7528	0.0123	38 40 19.1	19.140	0.128	86.3	9 11 673 676	38 2417
5698	8.1	9 46.88	2.7673	0.0116	37 15 46.6	19.132	0.129	80.3	200 203	37 2387
5699	7.6	9 50.79	2.7930	0.0104	34 50 40.0	19.130	0.131	84.0	3 5 678	34 2408
5700	9.1	10 9.31	2.7543	0.0120	38 16 44.2	19.122	0.129	79.3	9 11	38 2418

[1] Z. 688 690; M 77 80 174 175   [2] Z. 206 209 673 676; M 330 331   [3] Z. 3 5 673 [17″.8] 676 678
[4] Z. 3 5 673 676 678   [5] Z. 184 [9m.0]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5701	9.3	13ʰ 10ᵐ 21ˢ99	+2ˢ7341	−0ˢ0128	+39° 55′ 24″9	−19″116	+0″129	80.3	184 208	40° 2640
5702	8.3	10 22.97	2.7726	0.0112	36 33 8.6	19.116	0.131	80.2	190 196	36 2354
5703	9.4	10 49.74	2.7363	0.0126	39 34 1.9	19.104	0.130	80.3	206 209	39 2623
5704	9.1	10 52.22	2.7439	0.0122	38 54 2.0	19.103	0.130	86.3	9 11 673 676	38 2419
5705	8.6	10 57.76	2.7648	0.0114	37 2 37.4	19.101	0.131	80.3	200 203	37 2388
5706	8.9	13 11 1.82	+2.7407	−0.0123	+39 6 40.3	−19.099	+0.130	80.3	184 208	39 2624
5707	9.4	11 8.04	2.7849	0.0104	35 8 18.9	19.096	0.132	84.0	3 5 678	35 2431
5708	9.4	11 30.23	2.7691	0.0110	36 27 13.2	19.086	0.132	80.2	190 196	36 2356
5709	9.1	11 33.65	2.7581	0.0115	37 24 49.6	19.085	0.132	79.3	9 11	37 2390
5710	9.7	11 40.02	2.7363	0.0123	39 14 35.1	19.082	0.131	94.3	6 Beob.[1]	39 2625
5711	8.1	13 11 43.44	+2.7567	−0.0115	+37 28 31.7	−19.080	+0.132	80.3	200 203	37 2391
5712	8.8	11 47.26	2.7692	0.0109	36 20 34.4	19.078	0.133	80.2	190 196	36 2357
5713	8.5	11 54.97	2.7475	0.0117	38 11 56.6	19.075	0.132	80.3	219 222	38 2422
5714	8.9	11 59.29	2.7660	0.0110	36 33 7.2	19.073	0.133	87.7	5 Beob.[2]	36 2359
5715	9.4	12 17.37	2.7564	0.0113	37 17 21.8	19.065	0.133	80.3	206 209	37 2393
5716	9.0	13 12 25.10	+2.7240	−0.0125	+39 58 18.9	−19.061	+0.131	80.3	184 208	40 2641
5717	6.2	12 40.38	2.7830	0.0101	34 45 23.2	19.054	0.135	84.0	3 5 678	34 2410
5718	8.9	12 41.30	2.7624	0.0110	36 36 45.5	19.054	0.134	80.3	200 203	36 2360
5719	9.3	12 54.49	2.7764	0.0103	35 16 25.7	19.048	0.135	80.2	190 196	35 2433
5720	9.4	13 1.74	2.7714	0.0105	35 41 24.1	19.045	0.135	80.3	219 222	35 2434
5721	9.1	13 13 19.03	+2.7432	−0.0115	+38 2 38.2	−19.037	+0.134	79.8	9 11 184 208	38 2428
5722	6.0	13 19.22	2.7692	0.0105	35 47 7.5	19.037	0.135	80.2	190 196	35 2435
5723	8.8	13 45.07	2.7674	0.0104	35 47 28.3	19.025	0.136	90.1[3]	8 Beob.[4]	35 2436
5724	9.0	13 46.39	2.7599	0.0108	36 26 17.0	19.024	0.136	84.9	3 5 678	36 2361
5725	7.0	13 59.53	2.7556	0.0108	36 44 24.8	19.018	0.136	80.3	219 222	36 2362
5726	*9.0	13 14 2.75	+2.7341	−0.0116	+38 32 22.8	−19.017	+0.135	80.4	M 93 94	38 2430
5727	7.5	14 4.60	2.7519	0.0110	37 1 47.9	19.016	0.136	80.3	200 203	37 2396
5728	9.5	14 6.11	2.7437	0.0113	37 43 26.4[5]	19.015	0.135	88.6 87.4	5 Beob.[5]	37 2397
5729	9.2	14 11.22	2.7247	0.0119	39 15 24.2	19.013	0.135	84.6	6 Beob.[6]	39 2628
5730	9.0	14 12.41	2.7171	0.0122	39 51 34.4	19.012	0.134	80.3	225 229	39 2630
5731	9.2	13 14 15.06	+2.7206	−0.0120	+39 33 54.2	−19.011	+0.134	86.7	219 222 673 676	39 2629
5732	8.0	14 17.40	2.7271	0.0118	39 1 32.1	19.010	0.135	80.3	225 229	39 2631
5733	7.6	14 25.07	2.7291	0.0117	38 49 5.3	19.006	0.135	90.1[7]	8 Beob.[8]	38 2431
5734	8.7	14 38.90	2.7342	0.0115	38 18 34.8	19.000	0.135	79.3	9 11	38 2432
5735	8.5	14 50.98	2.7208	0.0119	39 19 45.9	18.994	0.135	80.3	184 208	39 2632
5736	8.4	13 14 55.60	+2.7448	−0.0110	+37 19 59.7	−18.992	+0.137	80.2	190 196	37 2399
5737	9.0	14 56.84	2.7561	0.0106	36 21 39.6	18.991	0.137	84.0	3 5 678	36 2363
5738	8.8	15 8.04	2.7332	0.0113	38 13 12.9	18.986	0.136	80.3	200 203	38 2433
5739	9.1	15 25.09	2.7160	0.0119	39 30 10.1	18.978	0.136	80.3	219 222	39 2634
5740	6.3	15 30.50	2.7280	0.0114	38 30 46.2	18.976	0.137	79.3	9 11	38 2435
5741	8.8	13 15 31.18	+2.7285	−0.0114	+38 28 10.3	−18.975	+0.137	86.8	200 203 673 676	38 2436
5742	7.3	15 54.66	2.7133	0.0118	39 32 10.3	18.964	0.137	80.3	206 209	39 2635
5743	8.8	16 1.23	2.7426	0.0108	37 8 7.2	18.961	0.138	80.2	190 196	37 2400
5744	8.1	16 13.10	2.7055	0.0120	40 2 10.1	18.955	0.137	80.3	184 225*	40 2649
5745	8.3	16 19.62	2.7514	0.0104	36 17 6.3	18.952	0.139	87.7	5 Beob.[9]	36 2366
5746	8.7	13 16 51.95	+2.7106	−0.0116	+39 24 57.7	−18.937	+0.138	80.3	184 225*	39 2637
5747	9.5	16 54.58	2.7234	0.0111	38 23 24.9	18.936	0.139	80.3	200 203	38 2437
5748	8.6	16 58.99	2.7452	0.0104	36 34 52.6	18.934	0.140	84.0	3 5 678	36 2368
5749	9.1	17 10.47	2.7290	0.0109	37 50 37.6	18.928	0.139	79.3	9 11	37 2402
5750	8.7	17 18.09	2.7138	0.0114	39 0 52.5	18.924	0.139	80.3	206 209	39 2639

[1] Z. 673 676; M 331; R(3)
[2] Z. 3 5 673 676 678
[3] E.B. +0ˢ033 −0″83 (Porter)
[4] Z. 206 209 673 676; M 292 293 294 295
[5] Z. 9 11 690 [30″5]; M 330 331
[6] Z. 184 206 208 209 688 690
[7] E.B. −0.031 −0″09 (Porter)
[8] Z. 219 222 673 676; M 292 293 294 295
[9] Z. 3 5 673 676 678

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5751	8.7	$13^h\ 17^m\ 34^s.88$	$+2^s.7082$	$-0^s.0115$	+39° 20' 45".9	−18".916	+0".139	88.7	9 673 676	39° 2640
5752	8.9	17 56.52	2.7061	0.0114	39 22 57.7	18.906	0.140	80.0	11 184 225[a]	39 2641
5753	9.2	18 10.59	2.7078	0.0113	39 10 40.2	18.899	0.140	80.3	200 203	39 2642
5754	6.0	18 13.82	2.7265	0.0107	37 41 13.3	18.897	0.141	90.9	10 Beob. [1]	37 2404
5755	8.1	18 28.66	2.7540	0.0096	35 20 12.3	18.890	0.143	82.5	5 Beob. [2]	35 2445
5756	9.0	13 18 49.14	+2.7528	−0.0096	+35 19 30.3	−18.880	+0.143	80.2	190 196	35 2446
5757	9.1	18 49.20	2.7515	0.0097	35 26 12.0	18.880	0.143	80.3	206 209	35 2447
5758	8.4	18 57.56	2.7582	0.0093	34 49 16.1	18.876	0.144	87.7	5 Beob. [3]	34 2419
5759	9.0	19 2.23	2.7448	0.0099	35 55 5.8	18.874	0.144	80.3	206 209	36 2370
5760	8.3	19 17.35	2.7157	0.0108	38 11 10.7	18.866	0.142	80.3	184 225[a]	38 2442
5761	7.9	13 19 20.72	+2.7167	−0.0107	+38 5 11.6	−18.864	+0.142	80.3	200 203	38 2443
5762	8.6	19 23.12	2.7154	0.0107	38 10 25.4	18.863	0.142	80.3	219 222	38 2444
5763	9.1	19 33.11	2.6963	0.0113	39 34 30.7	18.858	0.142	79.3	9 11	39 2643
5764	9.2	19 43.63	2.7312	0.0102	36 48 32.0	18.853	0.144	80.3	206 209	36 2372
5765	9.2	19 45.67	2.7354	0.0100	36 27 2.3	18.852	0.144	80.2	190 196	36 2373
5766	9.5	13 19 52.37	+2.7108	−0.0108	+38 22 7.9	−18.849	+0.143	88.7	11 673 676	38 2445
5767	8.3	20 7.28	2.7081	0.0108	38 29 36.9	18.841	0.143	80.3	200 203	38 2446
5768	8.9	20 23.41	2.6979	0.0110	39 10 38.1	18.833	0.143	86.8	184 225[a] 673 676	39 2645
5769	9.1	20 27.04	2.7408	0.0096	35 47 35.0	18.831	0.146	84.0	3 5 678	35 2450
5770	9.4	20 29.36	2.7263	0.0101	36 56 55.0	18.830	0.145	80.2	190 196	37 2407
5771	9.1	13 21 31.78	+2.7206	−0.0100	+37 3 23.7	−18.799	+0.146	80.3	200 203	37 2408
5772	8.7	21 38.86	2.6966	0.0107	38 51 31.5	18.795	0.145	79.3	9 11	38 2448
5773	8.2	21 39.32	2.6921	0.0108	39 11 4.2	18.795	0.145	80.3	184 225[a]	39 2646
5774	9.5	21 42.71	2.7398	0.0094	35 28 6.7	18.793	0.147	80.2	190 196	35 2451
5775	8.4	21 48.95	2.6830	0.0111	39 47 57.4	18.790	0.145	80.3	184 225[a]	39 2647
5776	8.4	13 21 49.87	+2.7279	−0.0097	+36 23 9.7	−18.789	+0.147	80.3	206 209	36 2375
5777	9.2	21 52.66	2.6984	0.0106	38 38 34.8	18.788	0.145	80.3	219 222	38 2449
5778	9.0	21 53.21	2.7399	0.0093	35 24 9.2	18.788	0.148	84.0	3 5 678	35 2452
5779	9.6	22 4.35	2.7287	0.0096	36 14 43.8	18.782	0.147	86.8	206 209 673 676	36 2376
5780	8.2	22 6.78	2.7340	0.0094	35 48 10.1	18.781	0.148	86.8	219 222 673 676	35 2453
5781	9.5	13 22 45.01	+2.7116	−0.0100	+37 21 45.3	−18.761	+0.147	80.3	200 203	37 2410
5782	8.5	23 27.28	2.7140	0.0097	36 57 30.7	18.739	0.148	80.2	190 196	37 2411
5783	8.6	23 39.19	2.6912	0.0103	38 36 13.6	18.733	0.148	79.3	9 11	38 2450
5784	8.8	24 8.64	2.6940	0.0102	38 14 55.7	18.718	0.149	80.3	184 225[a]	38 2451
5785	7.5	24 15.69	2.7336	0.0089	35 10 12.6	18.714	0.151	82.5	5 Beob. [2]	35 2456
5786	9.1	13 24 29.74	+2.7097	−0.0096	+36 57 38.8	−18.707	+0.150	80.3	200 203	37 2414
5787	8.0	24 49.01	2.7319	0.0088	35 8 21.4	18.697	0.152	87.7	5 Beob. [3]	35 2457
5788	9.3	24 59.56	2.6820	0.0102	38 50 47.7	18.691	0.149	80.3	184 225[a]	38 2453
5789	8.9	25 0.87	2.7297	0.0088	35 14 44.5	18.690	0.152	80.2	190 196	35 2458
5790	8.4	25 8.73	2.6873	0.0100	38 25 18.5	18.686	0.150	86.3	9 11 673 676	38 2454
5791	9.2	13 25 19.35	+2.7118	−0.0093	+36 32 38.4	−18.681	+0.152	80.3	206 209	36 2379
5792	9.2	25 24.64	2.7043	0.0095	37 5 11.1	18.678	0.152	80.3	200 203	37 2416
5793	7.4	25 40.31	2.7027	0.0095	37 7 30.8	18.669	0.151	80.2	190 196	37 2417
5794	7.0	26 0.80	2.6927	0.0097	37 45 22.2	18.658	0.152	79.3	9 11	37 2418
5795	9.4	26 26.09	2.6954	0.0095	37 25 53.6	18.645	0.153	86.8	219 222 673 676[4]	37 2420
5796	9.3	13 26 39.45	+2.6727	−0.0101	+38 59 25.4	−18.638	+0.152	80.3	184 225[a]	39 2655
5797	9.1	26 43.50	2.7013	0.0093	36 54 32.2	18.636	0.154	80.3	200 203	36 2381
5798	8.1	26 43.59	2.7195	0.0088	35 31 56.5	18.635	0.154	84.0	3 5 678	35 2460
5799	7.3[5]	26 45.91	2.6936	0.0095	37 27 44.9	18.634	0.153	79.8	9 11 219 222	37 2421
5800	7.6	26 53.01	2.7036	0.0092	36 41 17.2	18.630	0.154	80.3	206 209	36 2382

[1] Z. 673 676 688 690; M 174 175 292 293 294 295 [2] Z. 3 5 190 196 678 [3] Z. 3 5 673 676 678
[4] Dpl. [5] Dpl. 4" bor. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5801	7.9	13h 26m 59s.80	+2s.6575	−0s.0104	+39° 56′ 4″.6	−18″.627	+0″.151	80.3	184 225[a]	40° 2663
5802	8.9	27 8.27	2.7173	0.0087	35 34 44.1	18.622	0.155	80.2	190 196	35 2461
5803	7.0	27 12.48	2.7174	0.0087	35 33 2.1	18.620	0.155	80.2	190 196	35 2462
5804	9.2	27 32.49	2.7145	0.0087	35 40 27.5	18.609	0.156	84.0	3 5 678	35 2463
5805	8.1	27 33.65	2.6541	0.0103	39 59 35.0	18.608	0.152	80.3	184 200 203 225[a]	40 2665
5806	9.1	13 28 32.29	+2.6746	−0.0096	+38 17 3.4	−18.576	+0.155	79.9	9 200 215[a]	38 2457
5807	8.2	28 50.30	2.6966	0.0089	36 37 42.7	18.566	0.157	84.0	3 5 678	36 2384
5808	6.4	28 50.32	2.6567	0.0099	39 25 47.5	18.566	0.154	80.3	184 225[a]	39 2658
5809	8.9	28 59.27	2.6732	0.0095	38 15 18.2	18.561	0.155	88.9	203 673 676	38 2458
5810	8.9	29 5.49	2.6789	0.0093	37 49 24.2	18.558	0.156	79.8	9 215[a]	37 2425
5811	**5.5**	**13 29 12.82**	**+2.6783**	**−0.0093**	**+37 49 24.1**	**−18.554**	**+0.156**		**Fund. Cat.**	**37 2426**
5812	8.9	29 35.82	2.6605	0.0096	38 56 48.1	18.541	0.155	80.3	206 209	39 2659
5813	9.1	29 36.12	2.6920	0.0088	36 43 58.3	18.541	0.158	80.2	190 196	36 2385
5814	8.5	29 38.24	2.6753	0.0093	37 54 42.3	18.540	0.157	80.3	219 222	38 2459
5815	7.5	29 43.32	2.6875	0.0089	37 1 30.6	18.537	0.158	80.3	200 203	37 2428
5816	8.2	13 29 48.16	+2.6727	−0.0093	+38 2 45.1	−18.534	+0.157	79.8	9 215[a]	38 2460
5817	7.6	29 50.80	2.7063	0.0084	35 37 4.9	18.533	0.159	84.0	3 5 678	35 2466
5818	9.4	29 52.08	2.7126	0.0083	35 8 37.1	18.532	0.159	80.2	190 196	35 2467
5819	7.8	30 1.14	2.6675	0.0094	38 20 32.6	18.527	0.157	80.3	206 209	38 2461
5820	8.9	30 32.54	2.6869	0.0088	36 49 43.5	18.510	0.159	80.3	219 222	36 2386
5821	8.5	13 30 36.03	+2.6913	−0.0086	+36 30 6.1	−18.508	+0.159	80.3	200 203	36 2387
5822	9.2	30 39.57	2.6649	0.0093	38 19 44.2	18.505	0.158	80.3	216 232	38 2462
5823	9.5	30 45.14	2.6453	0.0097	39 37 7.7	18.502	0.156	86.3	14 16 682 685	39 2661
5824	9.6	31 2.85[1]	2.7006	0.0083	35 42 0.8[1]	18.493	0.160	94.8 94.5	8 Beob. [1]	35 2468
5825	9.5	31 7.34	2.6736	0.0090	37 35 54.1	18.490	0.159	79.4	18 20	37 2431
5826	9.2	13 31 9.06	+2.6918	−0.0085	+36 18 10.1	−18.489	+0.160	88.9	209 682 685	36 2391
5827	8.2	31 18.73	2.6997	0.0083	35 41 25.2	18.484	0.161	79.9	3 190 196	35 2469
5828	9.6	31 42.55	2.6801	0.0087	36 58 44.5	18.470	0.160	86.8	200 203 688 690	37 2432
5829	8.3	31 50.48	2.6883	0.0084	36 21 24.9	18.466	0.161	87.6	5 Beob. [2]	36 2393
5830	4.9	31 54.26	2.6800	0.0086	36 55 53.4	18.463	0.161	87.3	688 690; M 174 175	37 2433
5831	8.9	13 32 5.48	+2.6813	−0.0085	+36 47 2.9	−18.457	+0.161	80.2	190 196	36 2394
5832	9.3	32 15.63	2.6619	0.0090	38 4 46.6	18.451	0.160	80.3	216 232	38 2463
5833	9.0	32 22.10	2.6682	0.0088	37 36 57.2	18.447	0.160	79.4	18 20	37 2434
5834	8.8	32 26.50	2.6786	0.0086	36 52 38.7	18.445	0.161	84.0	3 5 678	36 2395
5835	8.4	32 30.93	2.6344	0.0096	39 48 59.2	18.442	0.158	86.3	14 16 682 685	39 2662
5836	7.5	13 32 35.62	+2.6340	−0.0096	+39 49 9.5	−18.440	+0.159	89.9[3]	8 Beob. [4]	39 2663
5837	8.6	32 37.79	2.6522	0.0091	38 37 6.5	18.438	0.160	79.4	18 20	38 2465
5838	8.3	33 13.96	2.6436	0.0092	39 0 57.7	18.418	0.160	80.3	216 232	39 2665
5839	8.9	33 23.37	2.6357	0.0094	39 28 57.6	18.412	0.160	80.3	200 203	39 2666
5840	8.1	33 32.23	2.7021	0.0077	34 54 2.9	18.407	0.164	84.0	3 5 678	35 2471
5841	8.8	13 33 48.88	+2.6823	−0.0081	+36 14 3.1	−18.397	+0.164	80.2	190[5] 196	36 2399
5842	9.3	34 0.59	2.6573	0.0087	37 53 32.2	18.391	0.162	86.3	18 20 682 685	37 2436
5843	9.5	34 0.64	2.6699	0.0084	37 2 18.8	18.391	0.163	80.3	216 232	37 2435
5844	9.1	34 4.80	2.6381	0.0091	39 8 22.3	18.388	0.161	79.4	14 16	39 2668
5845	9.0	34 29.32	2.6444	0.0089	38 36 44.8	18.374	0.162	79.4	14 16	38 2467
5846	8.8	13 34 36.39	+2.6870	−0.0079	+35 41 13.1	−18.370	+0.165	87.6	5 Beob. [2]	35 2472
5847	8.0	34 44.35	2.6581	0.0086	37 38 17.9	18.365	0.164	79.4	18 20	37 2438
5848	9.5	35 37.67	2.6307	0.0089	39 10 51.5	18.334	0.163	80.3	216 232	39 2669
5849	9.2	35 52.54	2.6477	0.0085	38 0 48.2	18.325	0.165	79.4	18 20	38 2468
5850	9.1	35 58.21	2.6240	0.0090	39 30 20.0	18.322	0.163	79.4	14 16	39 2670

[1] Z. 678 688 [2s.13] 690; M 330 331 [53″.6]; R(3)   [2] Z. 3 5 678 682 685   [3] E.B. −0s.021 −0″.13 (Porter)
[4] Z. 14 (dpl.) 16 688 690; M 292 293 294 295   [5] Dpl. aeq. 15s austr. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5851	8.0	13ʰ 36ᵐ 34ˢ.68	+2ˢ.6472	−0ˢ.0084	+37° 51′ 24″.9	−18″.300	+0″.166	79.4	18 20	37° 2442
5852	9.0	36 35.29	2.6422	0.0085	38 10 41.7	18.299	0.165	80.3	200 203	38 2469
5853	9.3	36 36.57	2.6760	0.0077	35 55 13.5	18.299	0.168	80.2	190 196	36 2401
5854	9.1	36 41.48	2.6383	0.0086	38 24 29.2	18.296	0.165	80.3	206 209	38 2470
5855	8.4	36 43.67	2.6635	0.0080	36 44 13.7	18.294	0.167	80.3	219 222	36 2402
5856	8.7	13 36 46.81	+2.6371	−0.0086	+38 27 22.8	−18.293	+0.165	80.3	206 209	38 2471
5857	7.7	36 49.22	2.6191	0.0089	39 34 47.4	18.291	0.164	79.4	14 16	39 2672
5858	8.2	36 56.13	2.6204	0.0088	39 28 11.4	18.287	0.165	80.3	216 232	39 2673
5859	6.2	37 9.15	2.6783	0.0076	35 37 9.2	18.279	0.169	84.0	3 5 678	35 2474
5860	8.5	37 14.13	2.6762	0.0076	35 44 22.2	18.276	0.169	80.2	190 196	35 2475
5861	9.0	13 37 18.60	+2.6873	−0.0073	+34 57 9.3	−18.273	+0.169	88.9	209 682 685	35 2476
5862	7.0	37 46.66	2.6261	0.0086	38 53 2.7	18.257	0.166	79.4	18 20	38 2473
5863	8.7	37 56.79	2.6092	0.0089	39 52 54.9	18.251	0.165	79.4	14 16	39 2675
5864	8.4	37 58.28	2.6853	0.0072	34 55 0.5	18.250	0.170	87.6	5 Beob. [1]	35 2478
5865	8.3	38 2.45	2.6696	0.0076	35 58 32.5	18.247	0.169	86.8	190 196 688 690	36 2405
5866	7.8	13 38 6.05	+2.6639	−0.0077	+36 20 41.6	−18.245	+0.169	80.3	200 203	36 2406
5867	9.1	38 30.32	2.6537	0.0079	36 55 18.9	18.230	0.169	88.9	203 682 685	37 2446
5868	8.6	38 49.37	2.6520	0.0078	36 57 0.7	18.219	0.169	80.3	190 196 200	37 2448
5869	8.1	38 55.98	2.6123	0.0086	39 25 37.8	18.215	0.167	79.4	14 16	39 2676
5870	9.1	39 35.84	2.6440	0.0078	37 15 54.7	18.190	0.170	80.3	216 232	37 2450
5871	7.3	13 40 0.68	+2.6725	−0.0071	+35 16 29.1	−18.175	+0.173	87.6	5 Beob. [1]	35 2480
5872	9.0	40 4.95	2.6710	0.0071	35 21 38.2	18.172	0.173	80.2	190 196	35 2481
5873	8.8	40 5.71	2.6772	0.0070	34 56 12.6	18.172	0.173	88.9	209 682 685	35 2482
5874	8.9	40 9.29	2.6678	0.0072	35 33 11.1	18.170	0.173	80.3	200 203	35 2483
5875	9.2	40 24.29	2.6435	0.0077	37 5 18.4	18.160	0.171	80.3	216 232	37 2453
5876	9.3	13 40 33.88	+2.6693	−0.0071	+35 21 7.4	−18.154	+0.173	84.0	3 5 678	35 2484
5877	7.2	40 34.71	2.6260	0.0080	38 9 11.8	18.154	0.171	79.4	14 16	38 2477
5878	6.0	40 54.13	2.6087	0.0082	39 7 48.7	18.142	0.170	83.1	9 Beob. [2]	39 2678
5879	8.8	40 56.69	2.6602	0.0072	35 51 28.6	18.140	0.173	80.2	190 196	35 2485
5880	8.7	40 57.18	2.6553	0.0073	36 11 10.6	18.140	0.173	80.3	200 203	36 2408
5881	8.6	13 41 30.99	+2.6056	−0.0082	+39 9 29.2	−18.119	+0.171	80.3	216 232	39 2679
5882	5.3	41 36.16	2.6051	0.0081	39 10 7.5	18.116	0.171	80.6	20; M 174 175	39 2680
5883	9.2	41 38.66	2.6555	0.0072	36 1 23.3	18.114	0.174	87.6	5 Beob. [1]	36 2410
5884	7.9	41 45.56	2.6197	0.0079	38 14 24.2	18.110	0.172	79.4	18 20	38 2478
5885	9.4	41 46.41	2.6069	0.0081	39 0 42.2	18.109	0.171	79.7	14 16 209	39 2681
5886	6.6	13 42 5.40	+2.6137	−0.0079	+38 31 5.1	−18.097	+0.172	80.3	200 203	38 2479
5887	8.8	42 22.76	2.5958	0.0081	39 31 7.2	18.086	0.171	80.3	216 232	39 2683
5888	9.4	42 27.55	2.6425	0.0073	36 37 53.7	18.083	0.174	84.0	3 5 678	36 2411
5889	9.4	42 29.26	2.5942	0.0081	39 35 12.4	18.082	0.171	86.8	200 203 682 685	39 2684
5890	8.9	42 34.84	2.6363	0.0074	36 59 37.7	18.079	0.174	80.2	190 196	37 2456
5891	9.2	13 42 55.40	+2.5884	−0.0082	+39 48 49.1	−18.066	+0.172	79.4	14 16	39 2685
5892	8.9	43 0.45	2.5995	0.0079	39 8 28.8	18.063	0.172	79.4	18 20	39 2686
5893	var.[3]	43 35.49	2.5794	0.0082	40 9 55.0	18.040	0.172	93.3	7 Beob. [4]	*40 2694*
5894	9.5	43 47.25	2.5875	0.0080	39 38 36.0	18.033	0.173	79.4	14 16	39 2687
5895	8.9	43 47.77	2.6628	0.0066	34 59 16.1	18.032	0.178	84.0	3 5 678	35 2488
5896	9.1	13 44 3.10	+2.6055	−0.0076	+38 31 7.8	−18.023	+0.174	79.9	18 20 216 232	38 2481
5897	8.7	44 4.32	2.6155	0.0075	37 54 32.2	18.022	0.175	81.2	M 174 175	38 2482
5898	8.7[5]	44 8.29	2.6520	0.0067	35 36 36.1	18.019	0.177	86.7	190 196 682 685	35 2489
5899	6.3	44 18.11	2.6253	0.0073	37 15 12.7	18.013	0.176	80.3	200 203	37 2457
5900	8.4	44 25.18	2.6542	0.0067	35 24 4.7	18.008	0.178	80.2	190 196	35 2490

[1] Z. 3 5 678 682 685 [2] Z. 14 16 18 216 232 688 690; M 174 175 [3] R Canum; bei den Beob. 9ᵐ.5
[4] Z. 682 688 690; M 292 293 294 295 [5] Dpl. 12″ austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5901	8.8	13h 44m 37s.74	+2s.5773	−0s.0080	+40° 1' 29".7	−18".000	+0".174	79.4	14 16	40° 2695
5902	8.1	45 22.91	2.6327	0.0069	36 31 59.9	17.971	0.178	82.4	5 Beob. [1]	36 2414
5903	6.8	45 33.55	2.6500	0.0065	35 23 32.6	17.964	0.179	80.2	190 196	35 2492
5904	5.6	45 38.23	2.6514	0.0065	35 17 8.2	17.961	0.179	84.6	9 Beob. [2]	35 2493
5905	9.0	45 39.12	2.6260	0.0070	36 52 48.4	17.961	0.178	80.3	206 209	36 2415
5906	9.3	13 45 50.45	+2.5815	−0.0077	+39 28 59.6	−17.953	+0.176	79.4	14 16	[39 2688]
5907	9.4	45 50.72	2.6503	0.0065	35 18 19.3	17.953	0.180	80.3	200 203	35 2494
5908	9.5	45 54.82	2.6500	0.0064	35 18 24.6	17.951	0.180	80.3	200 203	35 2495
5909	7.7	46 3.17	2.6003	0.0073	38 20 16.7	17.945	0.177	79.4	18 20	38 2485
5910	8.6	46 13.21	2.6265	0.0069	36 42 56.0	17.939	0.179	86.8	190 196 688 690	36 2416
5911	9.5	13 46 13.54	+2.5801	−0.0076	+39 28 1.3	−17.938	+0.176	93.3	682 685	39 2689
5912	5.1	46 16.58	2.6525	0.0063	35 3 50.2	17.936	0.180	90.7	9 Beob. [3]	35 2496
5913	8.2	46 26.01	2.6318	0.0067	36 20 4.1	17.930	0.179	80.3	219 222	36 2418
5914	8.4	46 50.86	2.5779	0.0073	39 26 20.4	17.914	0.177	79.4	14 16	39 2691
5915	9.0	46 55.72	2.6313	0.0066	36 14 58.0	17.911	0.180	86.8	206 209 682 685	36 2419
5916	8.6	13 46 56.91	+2.6399	−0.0065	+35 42 43.1	−17.910	+0.181	84.0	3 5 678	35 2497
5917	8.3	47 0.50	2.6302	0.0066	36 17 52.1	17.908	0.180	80.3	219 222	36 2420
5918	9.0	47 28.97	2.6413	0.0063	35 29 43.8	17.889	0.181	87.7	5 Beob. [4]	35 2498
5919	9.4	47 34.33	2.6532	0.0061	34 43 17.9	17.885	0.182	80.2	190 196	34 2465
5920	9.1	47 39.72	2.6070	0.0069	37 32 57.9	17.882	0.180	79.4	18 20	37 2459
5921	8.7	13 47 45.79	+2.5830	−0.0073	+38 55 31.5	−17.878	+0.178	79.4	14 16	39 2694
5922	9.1	47 48.11	2.6066	0.0069	37 32 32.8	17.876	0.180	79.4	18 20	37 2460
5923	9.0	48 25.63	2.6431	0.0061	35 9 54.0	17.851	0.183	86.7	190 196 682 685	35 2499
5924	9.3	48 32.79	2.5871	0.0071	38 30 16.4	17.847	0.180	80.3	216 232	38 2487
5925	8.2	48 41.06	2.5714	0.0073	39 21 49.5	17.841	0.179	79.4	14 16	39 2695
5926	7.6	13 48 47.03	+2.6409	−0.0061	+35 13 21.6	−17.837	+0.183	84.0	3 5 678	35 2501
5927	8.9	48 50.05	2.6009	0.0068	37 37 59.4	17.835	0.181	86.3	18 20 682 685	37 2463
5928	8.7	48 50.24	2.5796	0.0071	38 51 44.2	17.835	0.180	80.3	216 232	38 2489
5929	8.9	48 55.23	2.6067	0.0067	37 16 21.1	17.832	0.181	80.3	206 209	37 2464
5930	8.6	48 58.34	2.6375	0.0061	35 23 20.0	17.830	0.183	80.3	219 222	35 2502
5931	8.8	13 48 59.72	+2.6388	−0.0061	+35 18 8.3	−17.829	+0.183	80.3	219 222	35 2503
5932	9.4	49 2.07	2.6065	0.0067	37 15 21.0	17.827	0.182	80.3	206 209	37 2465
5933	7.5	49 14.09	2.5985	0.0068	37 41 4.0	17.819	0.181	80.3	200 203	37 2467
5934	9.3	49 20.52	2.6125	0.0065	36 49 32.7	17.815	0.182	87.7	5 Beob. [4]	36 2425
5935	9.4	49 34.28	2.5940	0.0068	37 51 52.8	17.806	0.182	79.4	18 20	37 2469
5936	9.3	13 49 36.04	+2.5610	−0.0073	+39 43 31.0	−17.805	+0.180	86.3	14 16 682 685	39 2697
5937	6.8	50 34.58	2.5503	0.0073	40 4 35.5	17.765	0.181	79.4	14 16	40 2706
5938	8.8	50 47.10	2.6029	0.0064	37 3 46.5	17.757	0.184	80.3	200 203	37 2472
5939	9.6	50 48.56	2.5719	0.0069	38 50 3.9	17.756	0.182	91.1	8 Beob. [5]	38 2491
5940	8.5	51 2.27	2.6215	0.0061	35 54 1.9	17.746	0.185	84.0	3 5 678	35 2506
5941	9.5	13 51 8.84	+2.5775	−0.0067	+38 26 35.4	−17.742	+0.183	79.4	18 20	38 2492
5942	9.0	51 17.46	2.6243	0.0060	35 40 23.9	17.736	0.186	80.2	190 196	35 2507
5943	8.5	51 19.91	2.6176	0.0061	36 4 2.7	17.734	0.186	80.3	206 209	36 2427
5944	8.6	51 21.28	2.6218	0.0060	35 48 35.8	17.733	0.186	80.3	206 209	35 2508
5945	8.4	51 38.07	2.6333	0.0057	35 2 43.1	17.722	0.187	84.0	3 5 678	35 2509
5946	8.6	13 51 52.11	+2.5757	−0.0067	+38 22 43.2	−17.712	+0.184	79.4	14 16	38 2494
5947	9.0	51 53.81	2.6277	0.0058	35 19 42.9	17.711	0.187	86.7	190 196 682 685	35 2511
5948	9.2	52 38.89	2.5734	0.0065	38 19 51.2	17.680	0.185	79.4	18 20	38 2495
5949	9.3	52 46.45	2.6229	0.0057	35 25 34.1	17.675	0.188	87.6	5 Beob. [6]	35 2512
5950	9.0	53 7.24	2.5588	0.0066	39 1 38.9	17.661	0.184	79.4	14 16	39 2705

[1] Z. 3 5 206 209 678 [2] Z. 3 5 678 682 685; M 88 94 174 175 [3] Z. 688 690; M 174 175 292 293 294 295 296
[4] Z. 3 5 678 688 690 [5] Z. 216 232 682 685; M 330 331; R(2) [6] Z. 3 5 678 682 685

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5951	9.1	13h 53m 17s.78	+2s.5532	−0s.0067	+39° 17' 31".9	−17".653	+0".184	80.3	216 232	39° 2706
5952	9.0	53 21.18	2.5647	0.0065	38 39 9.2	17.651	0.185	80.3	200 203	38 2497
5953	9.3	53 32.59	2.5874	0.0062	37 20 26.9	17.643	0.187	80.2	190 196	37 2476
5954	9.1	53 44.25	2.5885	0.0062	37 14 1.2	17.635	0.187	80.2	190 196	37 2477
5955	8.5	53 48.68	2.5813	0.0062	37 37 18.6	17.632	0.187	79.4	18 20	37 2478
5956	9.2	13 53 53.07	+2.6261	−0.0055	+34 59 46.9	−17.629	+0.190	87.6	5 Beob. [1]	35 2513
5957	8.9	53 56.76	2.5653	0.0064	38 29 4.5	17.626	0.186	79.4	14 16	38 2498
5958	9.5	54 7.47	2.5671	0.0064	38 20 45.1	17.619	0.186	80.3	216 232	38 2499
5959	8.6	54 11.74	2.5765	0.0062	37 48 19.6	17.616	0.187	80.3	200 203	37 2480
5960	8.7	54 26.75	2.5879	0.0060	37 6 23.4	17.605	0.188	80.3	206 209	37 2481
5961	9.1	13 54 42.13	+2.6087	−0.0056	+35 50 55.1	−17.595	+0.190	80.2	190 196	35 2515
5962	8.9	54 43.19	2.5891	0.0060	36 58 48.6	17.594	0.189	80.3	200 203	37 2482
5963	7.7	54 46.44	2.6231	0.0054	34 58 50.3	17.592	0.191	79.3	3 5	35 2516
5964	9.0	54 58.90	2.6022	0.0057	36 10 14.8	17.583	0.190	80.3	206 209	36 2432
5965	8.4	55 2.64	2.5773	0.0061	37 34 32.3	17.580	0.188	79.4	18 20	37 2483
5966	8.0	13 55 2.83	+2.5609	−0.0063	+38 28 39.3	−17.580	+0.187	80.3	219 222	38 2501
5967	6.4	55 6.36	2.5391	0.0066	39 38 10.2	17.578	0.186	79.4	14 16	39 2708
5968	8.9	55 12.32	2.5610	0.0063	38 26 14.1	17.573	0.187	80.3	219 222	38 2502
5969	8.9	55 14.59	2.5363	0.0065	39 45 17.0	17.572	0.186	80.3	216 232	39 2709
5970	9.3	55 20.90	2.5852	0.0059	37 3 45.2	17.567	0.189	80.2	190 196	37 2484
5971	8.6	13 55 39.60	+2.5328	−0.0065	+39 50 40.7	−17.554	+0.186	79.4	14 16	39 2711
5972	8.9	55 49.08	2.5514	0.0063	38 49 25.1	17.548	0.188	79.4	18 20	38 2503
5973	7.3	56 13.17	2.5860	0.0058	36 49 48.3	17.530	0.191	79.3	3 5	36 2435
5974	9.5	56 13.87	2.5344	0.0064	39 38 5.6	17.530	0.187	80.3	216 232	39 2712
5975	8.7	56 51.93	2.5584	0.0060	38 13 2.5	17.503	0.189	79.4	14 16	38 2506
5976	8.8	13 56 55.51	+2.5602	−0.0060	+38 6 34.6	−17.500	+0.189	80.3	200 203	38 2507
5977	7.4	56 58.01	2.5851	0.0056	36 43 4.0	17.499	0.192	84.0	3 5 678	36 2436
5978	9.3	57 0.96	2.5239	0.0064	40 0 16.1	17.497	0.188	80.3	216 232	40 2720
5979	8.6	57 7.76	2.6048	0.0053	35 33 31.9	17.492	0.193	80.2	190 196	35 2517
5980	8.8	57 24.97	2.5804	0.0056	36 53 12.1	17.479	0.192	80.2	190 196	36 2437
5981	9.2	13 57 25.20	+2.5670	−0.0058	+37 37 53.4	−17.479	+0.191	79.4	18 20	37 2488
5982	8.8	57 42.17	2.5208	0.0063	40 0 53.1	17.467	0.188	79.4	14 16	40 2722
5983	9.1	57 48.79	2.5681	0.0057	37 28 56.0	17.462	0.191	86.3	18 20 682 685	37 2489
5984	9.2	58 13.87	2.6013	0.0052	35 31 45.3	17.444	0.194	86.3	3 5 682 685	35 2518
5985	9.5	58 21.96	2.5502	0.0059	38 20 12.5	17.439	0.191	80.3	200 203	38 2509
5986	9.1	13 58 44.76	+2.5259	−0.0061	+39 31 42.2	−17.422	+0.190	79.4	14 16	39 2714
5987	8.4	58 52.29	2.5550	0.0057	37 58 16.1	17.417	0.192	80.3	216 232	38 2510
5988	6.8	58 53.28	2.5617	0.0057	37 47 52.6	17.416	0.192	79.4	18 20	37 2490
5989	7.7	59 8.41	2.6068	0.0050	35 1 20.6	17.405	0.196	84.0	3 5 678	35 2521
5990	9.4	59 17.54	2.5180	0.0061	39 48 44.7	17.398	0.190	88.9	216 682 685	39 2716
5991	9.5	13 59 32.79	+2.5774	−0.0053	+36 36 13.3	−17.387	+0.195	80.2	190 196	36 2439
5992	8.5	59 35.71	2.5807	0.0053	36 24 45.7	17.385	0.195	80.2	190 196	36 2440
5993	9.3	59 40.71	2.5638	0.0055	37 19 29.1	17.382	0.194	80.3	216 232	37 2491
5994	8.5	14 0 23.84	2.5474	0.0056	38 3 3.3	17.350	0.193	79.4	14 16	38 2512
5995	8.2	0 31.10	2.6026	0.0048	34 58 57.2	17.345	0.198	87.8	5 Beob. [2]	35 2523
5996	9.3	14 0 42.71	+2.5202	−0.0058	+39 24 2.3	−17.336	+0.192	86.4	14 16 678 692	39 2719
5997	9.6	0 54.84[3]	2.5363	0.0056	38 31 45.9	17.328	0.193	88.7 86.4	18 20 686 688	38 2513
5998	7.9	1 11.50	2.5258	0.0057	39 0 52.0	17.315	0.193	80.3	216 232	39 2720
5999	6.7	1 17.76	2.5930	0.0048	35 22 30.7	17.311	0.198	79.3	3 5	35 2525
6000	8.7	1 21.85	2.5472	0.0054	37 51 34.5	17.308	0.194	79.4	10 12	37 2495

[1] Z. 3 5 678 682 685 [2] Z. 3 5 678 686 688 [3] Z. 18 [54s.12]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6001	9.4	14^h 1^m $34^s.92$	$+2^s.5073$	$-0^s.0057$	+39° 51' 56".8	−17".298	+0".193	79.4	14 M 14	39° 2721
6002	8.5	2 38.20	2.5474	0.0053	37 35 24.7	17.251	0.197	79.4	18 20 24	37 2497
6003	7.9	2 49.53	2.5118	0.0056	39 22 49.2	17.242	0.194	79.4	14 16	39 2724
6004	7.9	2 53.15	2.5511	0.0052	37 20 37.9	17.240	0.197	79.4	10 12	37 2498
6005	8.8	2 53.97	2.5018	0.0056	39 51 49.0	17.239	0.194	89.1	232 686 688	39 2725
6006	9.1	14 3 7.70	+2.5449	−0.0052	+37 37 22.5	−17.229	+0.197	89.8	22 683 686 688	37 2500
6007	9.3	3 10.29	2.5192	0.0054	38 56 22.7	17.227	0.195	80.3	210 213	39 2726
6008	9.0[1]	4 13.15	2.5637	0.0048	36 24 3.1	17.180	0.200	84.0	3 5 678	36 2445
6009	7.8	4 16.19	2.5078	0.0053	39 17 5.1	17.178	0.196	79.4	14 16	39 2727
6010	6.4	4 28.66	2.5339	0.0051	37 55 16.7	17.168	0.198	79.4	18 20	38 2518
6011	8.4	14 4 34.79	+2.5758	−0.0046	+35 40 24.6	−17.164	+0.201	87.7	5 Beob.[2]	35 2529
6012	8.2	4 59.75	2.5676	0.0046	36 2 22.3	17.145	0.201	80.4	226 230	36 2446
6013	7.0	5 14.51	2.5178	0.0051	38 35 29.6	17.134	0.198	79.4	18 20	38 2520
6014	9.1	5 14.78	2.5769	0.0045	35 29 13.6	17.134	0.203	79.4	10 12	35 2530
6015	8.9	5 16.57	2.5466	0.0049	37 5 59.8	17.132	0.201	84.0	22 24 683	37 2502
6016	9.6	14 5 17.45	+2.5029	−0.0052	+39 19 20.8	−17.131	+0.197	80.4	216 232	39 2728
6017	8.0	5 18.79	2.5275	0.0050	38 4 57.9	17.130	0.199	80.3	210 213	38 2521
6018	7.8	5 26.19	2.4881	0.0054	40 1 5.4	17.125	0.196	79.4	14 16	40 2745
6019	9.1	5 42.75	2.5491	0.0048	36 53 9.2	17.112	0.201	82.2	5 Beob.[3]	36 2449
6020	8.2	5 48.55	2.5036	0.0051	39 11 1.7	17.108	0.198	79.4	14 16	39 2730
6021	9.2	14 5 50.10	+2.5455	−0.0048	+37 3 5.6	−17.107	+0.201	84.0	22 24 683	37 2503
6022	9.4	6 12.57	2.5244	0.0049	38 3 56.0	17.089	0.200	79.4	18 20	38 2522
6023	8.6	6 13.61	2.5639	0.0045	36 0 0.7	17.089	0.203	80.3	210 213	36 2450
6024	8.0	6 45.82	2.4949	0.0051	39 25 8.3	17.064	0.198	79.4	14 16	39 2731
6025	9.7	6 52.55	2.5171	0.0048	38 18 7.2[4]	17.059	0.200	91.1 92.2	8 Beob.[4]	38 2524
6026	8.6	14 6 54.23	+2.5210	−0.0048	+38 5 56.6	−17.058	+0.200	86.4	18 20 679 692	38 2525
6027	8.0	7 32.48	2.5687	0.0042	35 29 28.9	17.028	0.205	79.4	3 5 10 12	35 2531
6028	7.4	7 38.72	2.5552	0.0044	36 11 14.5	17.023	0.205	84.0	22 24 683	36 2451
6029	9.1	7 42.98	2.5366	0.0046	37 8 42.1	17.020	0.204	87.7	5 Beob.[5]	37 2505
6030	9.4	7 48.56	2.4844	0.0050	39 43 11.2	17.016	0.200	79.4	14 16	39 2733
6031	9.3	14 7 49.82	+2.5672	−0.0042	+35 30 52.2	−17.015	+0.205	86.4	10 12 686 688	35 2532
6032	9.2	8 4.72	2.5764	0.0041	34 58 30.2	17.003	0.207	80.3	210 213	35 2533
6033	9.1	8 16.41	2.5674	0.0042	35 25 18.7	16.994	0.206	80.4	226 230	35 2535
6034	7.3	8 32.55	2.5134	0.0047	38 9 35.4	16.982	0.202	79.4	18 20	38 2528
6035	9.0	8 33.21	2.5723	0.0041	35 6 23.7	16.981	0.207	79.4	10 12	35 2536
6036	8.9	14 8 35.56	+2.5327	−0.0046	+37 10 35.2	−16.979	+0.204	84.0	22 24 683	37 2507
6037	9.2	8 38.17	2.4884	0.0048	39 21 54.5	16.977	0.200	80.4	216 232	39 2735
6038	8.3	8 42.12	2.4873	0.0048	39 24 16.0	16.974	0.200	80.4	216 232	39 2736
6039	8.0	8 49.87	2.5169	0.0046	37 55 44.2	16.968	0.203	79.4	18 20	38 2529
6040	7.0	8 53.49	2.5507	0.0043	36 11 17.9	16.966	0.206	80.4	233 234 237	36 2453
6041	8.4	14 8 54.90	+2.4804	−0.0048	+39 41 48.3	−16.964	+0.200	80.4	233 234 237	39 2737
6042	9.3	8 55.46	2.5579	0.0042	35 48 13.8	16.964	0.206	81.2	M 174 175	35 2537
6043	8.0	9 3.46	2.5513	0.0042	36 7 35.4	16.958	0.206	80.4	226 230	36 2454
6044	9.4	9 13.79	2.5504	0.0042	36 8 17.3	16.950	0.206	80.4	226 230	36 2455
6045	9.2	9 17.16	2.4931	0.0047	39 0 52.4	16.947	0.201	81.2	M 174 175	39 2738
6046	6.9	14 9 24.40	+2.4749	−0.0048	+39 51 35.7	−16.942	+0.201	80.4	216 232	39 2739
6047	9.0	9 28.03	2.4711	0.0049	40 1 34.5	16.939	0.200	79.4	14 16	40 2757
6048	9.5	9 30.19	2.4983	0.0046	38 43 13.9	16.937	0.202	86.8	210 213 686 688	38 2531
6049	9.3	9 40.26	2.4993	0.0046	38 38 10.1	16.929	0.202	80.4	233 234 237	38 2533
6050	8.7	9 48.36	2.5104	0.0045	38 3 51.7	16.923	0.204	80.3	210 213	38 2534

[1] Dpl. bor. seq.; Com. 9^r 240° [2] Z. 3 5 678 686 688 [3] Z. 3 5 10 12 678 [4] Z. 216 232 [17' 51".5] 686 688; M 330 331 [14".8]; R(2) [5] Z. 22 24 683 686 688

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6051	9.3	14^h 10^m $7^s.78$	$+2^s.5316$	$-0^s.0044$	+36° 56′ 21″.4	$-16^s.907$	$+0^s.206$	84.0	22 24 683	37° 2510
6052	9.3	10 21.87	2.5025	0.0045	38 20 49.8	16.896	0.204	80.4	226 230	38 2537
6053	7.8	10 29.19	2.5645	0.0039	35 9 52.4	16.891	0.209	79.4	10 12	35 2538
6054	7.8	10 32.95	2.5164	0.0044	37 37 38.6	16.888	0.205	79.4	18 20	37 2511
6055	9.0	10 34.63	2.4727	0.0047	39 44 8.7	16.886	0.202	79.4	14 16	39 2741
6056	7.8	14 10 37.68	+2.5667	−0.0038	+35 1 9.9	−16.884	+0.210	79.4	10 12	35 2539
6057	9.2	10 47.28	2.5372	0.0042	36 31 45.6	16.876	0.207	80.3	210 213	36 2461
6058	9.2	10 52.40	2.5641	0.0038	35 6 52.9	16.872	0.210	93.4	686 688	35 2540
6059	6.9	11 10.92	2.5123	0.0043	37 42 40.3	16.858	0.206	79.4	18 20	37 2513
6060	9.0	11 14.09	2.5087	0.0043	37 52 52.5	16.855	0.205	86.9	216 232 686 688	37 2514
6061	8.9	14 11 15.21	+2.5214	−0.0043	+37 14 46.0	−16.854	+0.206	84.0	22 24 683	37 2515
6062	7.3	11 25.39	2.4987	0.0044	38 19 53.7	16.846	0.205	79.4	14 16	38 2538
6063	9.2	11 37.73	2.5435	0.0040	36 3 10.4	16.837	0.209	82.2	5 Beob. [1]	36 2464
6064	8.8	12 16.80	2.5357	0.0040	36 19 57.8	16.806	0.209	80.3	210 213	36 2467
6065	5.2	12 42.72	2.5390	0.0038	36 5 13.5	16.785	0.210	90.4	8 Beob. [2]	36 2468
6066	7.1	14 12 47.69	+2.4954	−0.0042	+38 14 10.4	−16.781	+0.206	79.4	18 20	38 2541
6067	9.1	12 49.99	2.5183	0.0041	37 6 34.2	16.779	0.209	87.8	5 Beob. [3]	37 2517
6068	7.5	13 1.44	2.4669	0.0044	39 32 43.2	16.770	0.204	79.4	14 16	39 2744
6069	8.4	13 4.71	2.5628	0.0035	34 47 2.9	16.767	0.212	79.4	10 12	34 2515
6070	9.3	13 5.66	2.4640	0.0044	39 39 55.4	16.767	0.204	80.4	216 232	39 2745
6071	9.2	14 13 21.94	+2.5253	−0.0040	+36 39 58.1	−16.754	+0.210	80.3	210 213	36 2470
6072	6.6	13 47.53	2.4682	0.0043	39 20 34.3	16.733	0.206	79.4	14 16	39 2749
6073	9.5	14 16.32	2.5415	0.0036	35 40 42.8	16.710	0.212	89.9	22 683 686 688	35 2545
6074	7.0	14 16.69	2.4908	0.0041	38 11 12.2	16.709	0.208	79.4	18 20	38 2544
6075	9.3	14 17.66	2.5515	0.0035	35 9 35.2	16.709	0.213	86.4	10 12 686 688	35 2546
6076	9.5	14 14 25.83	+2.5571	−0.0034	+34 50 36.1	−16.702	+0.214	81.2	M 174 175	34 2518
6077	9.0	14 37.32	2.4824	0.0040	38 31 20.5	16.693	0.208	79.4	18 20	38 2545
6078	6.4	14 39.81	2.4641	0.0042	39 22 9.6	16.691	0.206	87.1	12 Beob. [4]	39 2750
6079	8.8	14 50.61	2.4717	0.0041	38 59 3.1	16.683	0.207	80.4	216 232	39 2751
6080	8.9	15 17.91	2.5454	0.0034	35 17 46.4	16.660	0.214	79.4	10 12	35 2548
6081	7.0	14 15 37.60	+2.5109	−0.0038	+36 57 56.2	−16.644	+0.212	84.0	22 24 683	37 2519
6082	9.1	15 39.03	2.5334	0.0035	35 50 36.7	16.643	0.213	79.4	10 12	35 2549
6083	8.7	15 41.19	2.5054	0.0038	37 13 33.9	16.641	0.211	84.0	22 24 683	37 2520
6084	7.8	15 58.44	2.4548	0.0040	39 33 32.6	16.627	0.208	79.4	14 16	39 2754
6085	7.5	15 59.45	2.4887	0.0038	37 58 28.4	16.626	0.210	79.4	18 20	38 2549
6086	8.6	14 16 31.72	+2.5075	−0.0037	+36 58 20.8	−16.600	+0.212	84.0	22 24 683	37 2522
6087	9.2	16 39.28	2.5344	0.0034	35 37 8.6	16.594	0.214	79.4	10 12	35 2552
6088	9.5	16 43.74	2.5107	0.0036	36 46 56.4	16.590	0.213	80.3	210 213	36 2477
6089	7.7	16 58.70	2.5212	0.0035	36 13 7.8	16.578	0.214	80.4	226 230	36 2478
6090	8.8	17 0.70	2.5112	0.0036	36 42 22.1	16.576	0.213	80.4	226 230	36 2479
6091	9.2	14 17 8.73	+2.4515	−0.0039	+39 29 41.9	−16.569	+0.209	79.4	14 16	39 2756
6092	9.0	17 17.87	2.4942	0.0036	37 28 47.7	16.562	0.212	79.4	18 20	37 2526
6093	9.0	17 30.95	2.5072	0.0035	36 48 46.5	16.551	0.214	79.4	10 12	36 2481
6094	9.0	17 33.32	2.5067	0.0034	36 49 52.0	16.549	0.214	89.1	210 686 688	36 2482
6095	8.0	17 34.76	2.4595	0.0038	39 3 6.6	16.548	0.210	79.4	14 16	39 2758
6096	8.9	14 17 54.32	+2.4466	−0.0038	+39 34 46.8	−16.532	+0.209	89.1	216 686 688	39 2759
6097	8.3	18 13.76	2.4918	0.0036	37 25 41.4	16.516	0.213	84.0	22 24 683	37 2527
6098	8.5	18 16.91	2.5043	0.0035	36 49 9.5	16.513	0.214	86.9	226 230 679 692	36 2485
6099	6.4	18 18.05	2.4843	0.0035	37 46 23.9	16.512	0.213	79.4	18 20	37 2528
6100	6.9	18 26.71	2.4372	0.0039	39 54 4.9	16.505	0.209	79.4	14 16	39 2760

[1] Z. 10 12 22 24 683 [2] Z. 679 692; M 174 175 293 294 295 296 [3] Z. 22 24 683 686 688
[4] Z. 14 16 679 692; M 86 87 174 175 293 294 295 296

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6101	9.3	14h 18m 32s.53	+2s.4950	−0s.0035	+37° 13′ 15″.6	−16″.500	+0″.214	86.9	210 213 679 692	37° 2529
6102	9.0	19 6.29	2.4993	0.0034	36 55 0.4	16.472	0.215	87.8	5 Beob. [1]	37 2530
6103	9.4	19 11.91	2.4388	0.0037	39 41 56.9	16.468	0.210	87.3 86.4	18 20[2] 679 692	39 2761
6104	8.7	19 15.35	2.4537	0.0036	39 1 8.8	16.465	0.211	86.9	216 232 686 688	39 2762
6105	8.9	19 22.08	2.5376	0.0030	34 59 21.8	16.459	0.218	79.4	10 12	35 2557
6106	8.8	14 19 48.12	+2.4725	−0.0034	+38 3 37.6	−16.437	+0.214	79.4	18 20	38 2554
6107	9.1	20 9.60	2.4871	0.0033	37 18 55.9	16.419	0.216	82.2	5 Beob. [3]	37 2531
6108	6.6	20 23.06	2.4507	0.0035	38 57 31.5	16.408	0.212	79.4	14 16	39 2764
6109	9.4	20 30.94	2.4922	0.0033	37 0 57.5	16.402	0.216	89.9	24 679 683 692	37 2532
6110	8.9	20 52.87	2.5038	0.0031	36 23 51.1	16.383	0.217	86.4	10 12 686 688	36 2491
6111	9.2	14 21 9.01	+2.4570	−0.0033	+38 32 33.6	−16.370	+0.214	79.4	14 16	38 2555
6112	9.1	21 47.26	2.4287	0.0035	39 41 30.5	16.337	0.212	79.4	14 16	39 2765
6113	9.6	21 49.84[4]	2.5334	0.0027	34 47 33.4	16.336	0.221	94.6 92.5	7 Beob. [4]	34 2530
6114	8.4	21 58.54	2.5229	0.0028	35 17 2.5	16.328	0.220	84.0	22 24 683	35 2561
6115	9.5	22 37.16	2.4314	0.0033	39 25 52.2	16.295	0.213	81.2	M 174 175	39 2767
6116	9.4	14 22 40.64	+2.4447	−0.0032	+38 49 57.6	−16.292	+0.215	86.4	18 20 686 688	38 2556
6117	7.4	22 44.90	2.5027	0.0029	36 8 27.0	16.288	0.220	80.4	226 230	36 2493
6118	9.5	22 58.78	2.5129	0.0027	35 36 34.5	16.277	0.221	86.4	10 12 679 692	35 2563
6119	9.1	22 58.97	2.4341	0.0032	39 14 53.2	16.276	0.214	86.4	14 16 686 688	39 2768
6120	8.0	23 2.44	2.4592	0.0031	38 6 59.8	16.273	0.217	80.3	210 213	38 2557
6121	8.9	14 23 5.15	+2.4793	−0.0030	+37 11 18.5	−16.271	+0.218	87.8	5 Beob. [5]	37 2534
6122	6.7	23 5.89	2.4884	0.0029	36 45 25.7	16.270	0.219	80.4	233 234 237	36 2495
6123	9.2	23 6.25	2.4195	0.0033	39 51 51.4	16.270	0.213	80.4	216 232	39 2769
6124	9.0	23 26.29	2.4421	0.0031	38 49 16.7	16.253	0.215	80.3	210 213	38 2558
6125	9.0	23 30.84	2.5190	0.0025	35 13 28.8	16.249	0.222	80.4	226 230	35 2564
6126	8.9	14 23 45.47	+2.4241	−0.0032	+39 33 21.7	−16.237	+0.214	79.4	14 16	39 2770
6127	7.4[6]	24 2.74	2.4392	0.0031	38 50 40.2	16.222	0.216	79.4	18 20	38 2560
6128	9.1	24 8.51	2.4332	0.0031	39 5 38.8	16.217	0.216	80.4	216 232	39 2771
6129	8.8	24 12.84	2.5086	0.0026	35 36 47.9	16.213	0.222	79.4	10 12	35 2567
6130	8.5	24 22.85	2.4838	0.0028	36 45 53.2	16.205	0.220	84.0	22 24 683	36 2496
6131	9.4	14 24 23.93	+2.5095	−0.0026	+35 32 22.4	−16.204	+0.222	89.1	230 686 688	35 2568
6132	9.4	24 32.52	2.4161	0.0032	39 46 0.3	16.196	0.214	80.4	233 234 237	39 2772
6133	8.4	24 38.07	2.4690	0.0029	37 24 14.7	16.192	0.220	84.0	22 24 683	37 2537
6134	7.6	24 42.48	2.4236	0.0031	39 25 8.5	16.188	0.216	90.2	8 Beob. [7]	39 2773
6135	9.2	24 59.93	2.4633	0.0029	37 36 26.8	16.173	0.219	80.3	210 213	37 2539
6136	6.8	14 25 1.10	+2.4611	−0.0029	+37 42 1.4	−16.172	+0.219	79.4	18 20	37 2540
6137	9.2	25 7.44	2.5123	0.0025	35 17 25.9	16.166	0.224	86.9 89.1	226*a* 230 679 692	35 2570
6138	8.9	25 8.87	2.4957	0.0026	36 4 39.6	16.165	0.222	80.4	233 234 237	36 2498
6139	9.5	25 18.60	2.4434	0.0029	38 26 54.4	16.157	0.218	87.4	679 692; M 174 175	38 2562
6140	8.7	25 19.27	2.5073	0.0025	35 30 1.1	16.156	0.223	79.4	10 12	35 2571
6141	8.8	14 25 21.63	+2.4291	−0.0030	+39 4 6.2	−16.154	+0.217	79.4	14 16	39 2774
6142	9.0	25 32.62	2.4991	0.0026	35 51 24.1	16.144	0.223	80.4	226 230	35 2572
6143	8.9	25 34.94	2.4452	0.0029	38 19 29.4	16.142	0.219	79.4	18 20	38 2563
6144	8.5	25 37.35	2.4762	0.0027	36 54 50.8	16.140	0.221	84.0	22 24 683	37 2542
6145	8.2	25 38.03	2.4956	0.0026	36 0 9.7	16.140	0.223	80.3	210 213	36 2500
6146	9.2	14 25 49.34	+2.5041	−0.0025	+35 34 16.3	−16.130	+0.224	79.4	10 12	35 2574
6147	9.5	26 5.96	2.4869	0.0026	36 20 11.6	16.116	0.223	94.7	6 Beob. [8]	36 2501
6148	8.9	26 6.74	2.4331	0.0029	38 46 6.7	16.115	0.218	79.4	14 16	38 2564
6149	8.5	27 0.25	2.4840	0.0025	36 19 36.5	16.068	0.224	87.8	5 Beob. [1]	36 2504
6150	**2.9**	**27 2.66**	**2.4276**	**0.0028**	**38 51 21.0**	**16.066**	**0.219**		**Fund. Cat.**	**38 2565**

[1] Z. 22 24 683 686 688 [2] *a* Gew. ½ [3] Z. 10 12 22 24 683 [4] Z. 12 [49s.36] 686 688; M 330 331 [50s.48]; R(2)
[5] Z. 22 24 679 683 692 [6] 7.2 7.5; BD 8.8 [7] Z. 216 232 686 688; M 293 294 295 296
[8] Z. 686 688; M 330 331; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6151	9.3[1]	$14^h\ 27^m\ 18^s.29$	$+2^s.5058$	$-0^s.0023$	$+35°\ 15'\ 21''.4$	$-16''.053$	$+0''.226$	79.4	10 12	35° 2576
6152	9.1	27 43.21	2.4390	0.0027	38 14 53.0	16.031	0.220	86.9	216 232 686 688	38 2566
6153	9.0	27 58.39	2.4221	0.0027	38 56 38.7	16.017	0.219	79.4	14 16	39 2776
6154	5.8	28 13.75	2.4538	0.0025	37 30 44.9	16.004	0.222	79.4	18 20	37 2545
6155	7.9[2]	28 28.10	2.4832	0.0024	36 8 1.4	15.991	0.225	80.3	210 213	36 2505
6156	8.5	14 28 32.75	+2.4728	−0.0024	+36 36 6.6	−15.987	+0.224	82.2	5 Beob.[3]	36 2506
6157	9.5	28 43.86	2.4920	0.0023	35 40 35.8	15.977	0.226	89.1	230 686 688	35 2579
6158	8.9	28 51.76	2.4120	0.0026	39 13 47.8	15.971	0.220	79.4	14 16	39 2777
6159	8.1	28 57.87	2.4056	0.0027	39 29 18.6	15.965	0.219	80.4	216 232	39 2778
6160	9.3	29 4.54	2.4498	0.0024	37 33 20.6	15.959	0.223	82.2	5 Beob.[4]	37 2548
6161	8.5	14 29 8.15	+2.4466	−0.0025	+37 41 14.9	−15.956	+0.223	80.3	210 213	37 2549
6162	9.1	29 11.20	2.5081	0.0021	34 51 15.5	15.953	0.228	79.4	10 12	34 2539
6163	8.6	29 22.27	2.4476	0.0024	37 36 18.8	15.944	0.223	80.4	226 230	37 2550
6164	8.1	29 28.04	2.4254	0.0025	38 33 37.2	15.938	0.221	80.4	216 232	38 2570
6165	5.8	29 31.85	2.4567	0.0024	37 10 32.2	15.935	0.224	84.0	22 24 683	37 2551
6166	8.5	14 29 48.23	+2.3907	−0.0026	+39 58 21.0	−15.921	+0.219	79.4	14 16	40 2797
6167	9.1	29 51.95	2.4255	0.0025	38 29 32.4	15.917	0.222	79.4	18 20	38 2571
6168	7.9	30 20.18	2.4963	0.0020	35 14 0.3	15.892	0.229	79.4	10 12	35 2581
6169	8.8	30 44.33	2.4863	0.0021	35 38 15.0	15.871	0.228	79.4	10 12	35 2583
6170	9.0	31 14.81	2.3847	0.0025	39 59 27.6	15.843	0.220	79.4	28 29	40 2800
6171	9.3	14 31 15.63	+2.3887	−0.0025	+39 49 18.6	−15.843	+0.220	87.8	5 Beob.[5]	39 2782
6172	7.5	32 1.32	2.4637	0.0021	36 28 25.5	15.802	0.228	80.3	210 213	36 2509
6173	9.1	32 2.19	2.4432	0.0022	37 22 56.7	15.801	0.226	84.0	22 24 683	37 2553
6174	8.9	32 31.67	2.3894	0.0023	39 35 50.4	15.774	0.222	84.0	6 26 691	39 2784
6175	9.0	32 36.47	2.4850	0.0019	35 24 41.6	15.770	0.230	88.7	12 687 688	35 2586
6176	9.2	14 32 48.56	+2.3832	−0.0023	+39 48 27.3	−15.759	+0.222	80.4	233 234 237	39 2785
6177	9.2	32 52.29	2.3933	0.0022	39 22 52.3	15.756	0.222	79.4	28 29	39 2786
6178	8.2	32 52.58	2.4272	0.0021	37 56 51.5	15.756	0.226	87.8	5 Beob.[5]	38 2576
6179	9.0	33 5.62	2.4490	0.0020	36 57 50.4	15.744	0.228	79.4	10 12	37 2555
6180	7.5	33 11.92	2.4417	0.0020	37 16 4.9	15.738	0.227	87.8 88.8	6 Beob.[6]	37 2557
6181	9.2	14 33 21.58	+2.3826	−0.0022	+39 44 44.8	−15.729	+0.222	80.3	210 213	39 2788
6182	9.2	33 49.58	2.3845	0.0022	39 35 43.3	15.704	0.223	84.0	6 26 691	39 2790
6183	8.1	34 19.57	2.4428	0.0019	37 2 59.6	15.677	0.229	82.2	5 Beob.[3]	37 2559
6184	7.3	34 59.66	2.4030	0.0020	38 38 54.0	15.640	0.226	84.0	6 26 691	38 2578
6185	8.8	35 24.73	2.4759	0.0017	35 24 53.7	15.617	0.233	87.8	5 Beob.[7]	35 2591
6186	8.4	14 35 32.45	+2.4886	−0.0015	+34 48 59.2	−15.610	+0.234	86.4	10 12 687 688	34 2551
6187	9.0	35 45.31	2.4477	0.0018	36 37 15.6	15.599	0.231	84.0	22 24 683	36 2515
6188	8.9	35 47.00	2.4845	0.0015	34 58 2.4	15.597	0.234	79.9	10 12 210 213	35 2594
6189	7.4	35 59.34	2.3987	0.0019	38 40 53.7	15.586	0.227	89.3 89.7[8]	11 Beob.[9]	38 2579
6190	8.9	36 16.93	2.4728	0.0016	35 25 36.1	15.570	0.234	93.4	687 688	35 2595
6191	9.1	14 36 24.78	+2.3942	−0.0019	+38 48 7.6	−15.562	+0.227	79.4	28 29	38 2580
6192	7.2	36 36.73	2.4639	0.0016	35 46 36.9	15.551	0.233	79.4	10 12	35 2597
6193	9.5	36 59.27	2.4254	0.0017	37 24 18.4	15.531	0.231	88.8 89.9	28 680 692δ 693	37 2564
6194	9.0	37 0.71	2.4317	0.0017	37 8 3.5	15.529	0.231	84.0	22 24 683	37 2565
6195	8.4	37 14.77	2.4547	0.0016	36 5 48.7	15.516	0.233	80.4	226 230	36 2520
6196	8.0	14 37 16.67	+2.4304	−0.0017	+37 8 49.5	−15.514	+0.231	80.3	210 213	37 2566
6197	8.2	37 17.65	2.3628	0.0019	39 56 24.3	15.514	0.225	87.8	5 Beob.[5]	40 2808
6198	9.0	37 31.32	2.4312	0.0016	37 4 43.3	15.501	0.232	80.3	210 213	37 2567
6199	7.2	37 36.14	2.4261	0.0016	37 17 23.1	15.496	0.231	84.0	22 24 683	37 2568
6200	9.0	37 39.07	2.3794	0.0017	39 13 14.5	15.494	0.227	84.0	6 26 691	39 2794

[1] Dpl. seq. [2] Dpl. $3''$ austr. praec. [3] Z. 10 12 22 24 683 [4] Z. 18 20 22 24 683 [5] Z. 6 26 687 688 691
[6] Z. 22 24 680 683 692δ 693 [7] Z. 22 24 683 687 688 [8] E.B. $-0^s.007$ $+0''.16$ (Porter)
[9] Z. 6 26 679 691 692δ 693; M 294 295 296 297 298

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6201	8.4	14h 37m 44s.37	+2s.4775	−0s.0014	+35° 0' 15".8	−15".489	+0".236	86.4 87.8	5 Beob. [1]	35° 2599
6202	8.7	38 19.02	2.4731	0.0014	35 7 16.9	15.457	0.236	86.9	226 230 687 688	35 2604
6203	9.4	38 31.09	2.4559	0.0014	35 51 36.1	15.446	0.235	87.8 88.8	6 Beob. [2]	35 2605
6204	8.9	38 39.00	2.3988	0.0016	38 16 43.3	15.438	0.230	79.4	28 29	38 2583
6205	9.3	38 48.00	2.4152	0.0016	37 34 22.7	15.430	0.232	87.8	5 Beob. [3]	37 2570
6206	8.4	14 38 56.69	+2.4573	−0.0014	+35 44 2.1	−15.422	+0.236	79.9	10 12 210 213	35 2606
6207	6.7	40 3.00	2.4725	0.0012	34 54 15.0	15.360	0.238	79.4	10 12	34 2559
6208	8.5	40 5.39	2.3625	0.0015	39 32 27.0	15.357	0.228	84.0	6 26 691	39 2797
6209	9.4	40 16.82	2.3956	0.0015	38 10 27.1	15.347	0.232	79.4	28 29	38 2586
6210	9.4	40 40.23	2.3569	0.0015	39 40 31.8	15.325	0.228	79.4	28 29	39 2798
6211	8.2	14 40 46.70	+2.3917	−0.0014	+38 15 43.2	−15.319	+0.232	80.4	226 230	38 2589
6212	8.8	40 57.89	2.4221	0.0013	36 58 19.0	15.308	0.235	84.3	22 210 683	37 2572
6213	8.4	41 0.61	2.4113	0.0013	37 25 10.8	15.305	0.234	84.0	6 26 691	37 2573
6214	8.5	41 5.60	2.4340	0.0012	36 26 49.6	15.301	0.236	80.4	226 230	36 2527
6215	7.9	41 12.76	2.4215	0.0013	36 57 40.3	15.294	0.235	89.1	213 687 688	37 2574
6216	9.2	14 41 22.37	+2.4311	−0.0012	+36 31 46.2	−15.285	+0.236	80.3	210 213	36 2528
6217	9.2	41 23.31	2.4562	0.0011	35 26 25.1	15.284	0.238	79.4	10 12	35 2611
6218	8.4	41 51.45	2.3448	0.0014	39 58 36.2	15.257	0.228	79.4	28 29	40 2815
6219	9.0	41 52.35	2.3499	0.0014	39 46 32.7	15.257	0.229	87.8	5 Beob. [3]	39 2800
6220	6.9	42 16.78	2.4384	0.0011	36 5 31.1	15.233	0.238	79.4	10 12	36 2530
6221	6.9	14 42 46.08	+2.4348	−0.0011	+36 10 34.5	−15.206	+0.238	79.4	10 12	36 2531
6222	8.8	42 54.40	2.4299	0.0011	36 22 1.4	15.198	0.238	84.0	22 24 683	36 2532
6223	8.0	43 6.91	2.3853	0.0012	38 11 32.1	15.186	0.234	84.0	6 26 691	38 2591
6224	9.1	43 15.74	2.3946	0.0012	37 47 26.8	15.177	0.235	79.4	28 29	37 2575
6225	8.8	43 40.34	2.3594	0.0012	39 8 49.0	15.154	0.232	80.4	226 230	39 2802
6226	8.4	14 43 44.89	+2.4223	−0.0011	+36 34 14.9	−15.150	+0.238	80.3	210 213	36 2533
6227	9.1	43 57.40	2.3553	0.0012	39 15 58.9	15.138	0.232	79.4	28 29	39 2803
6228	7.8	44 0.71	2.4210	0.0011	36 35 26.4	15.134	0.238	80.4	226 230	36 2535
6229	9.0	44 6.17	2.4009	0.0011	37 24 55.8	15.129	0.236	84.0	22 24 683	37 2576
6230	6.1	44 11.91	2.3782	0.0011	38 19 40.0	15.125	0.234	91.0 91.2[4]	13 Beob. [5]	38 2593
6231	8.4	14 44 20.62	+2.4406	−0.0010	+35 42 44.7	−15.115	+0.240	79.4	10 12	35 2614
6232	7.4	44 44.07	2.3340	0.0012	39 59 2.9	15.093	0.230	79.4	28 29	40 2817
6233	8.6	44 50.52	2.4058	0.0010	37 6 44.4	15.087	0.238	86.4	10 12 687 688	37 2578
6234	9.5	45 7.64	2.3921	0.0010	37 38 7.9[6]	15.070	0.237	93.0 92.7	16 Beob. [6]	37 2579
6235	8.7	45 26.65	2.4266	0.0009	36 9 38.3	15.052	0.240	79.4	10 12	36 2537
6236	5.4	14 45 33.33	+2.3869	−0.0010	+37 47 9.9	−15.045	+0.237	89.1 89.4[7]	13 Beob. [8]	37 2580
6237	8.8	45 54.60	2.3830	0.0010	37 53 41.0	15.025	0.237	86.4 87.8	5 Beob. [9]	37 2582
6238	9.2	46 25.70	2.3544	0.0010	38 57 35.5	14.995	0.234	80.3	210 213	39 2805
6239	8.9	46 30.04	2.4526	0.0007	34 54 15.5	14.991	0.244	79.4	10 12	34 2573
6240	9.0	46 33.88	2.4411	0.0007	35 23 28.3	14.987	0.243	87.8	5 Beob. [10]	35 2616
6241	7.2	14 46 46.24	+2.3361	−0.0010	+39 37 7.0	−14.975	+0.233	79.4	28 29	39 2806
6242	7.7	46 52.31	2.3538	0.0010	38 55 13.1	14.969	0.235	89.9	26 687 688 691	39 2807
6243	8.5	47 5.90	2.4397	0.0007	35 22 54.3	14.956	0.244	84.0	22 24 683	35 2617
6244	9.0	47 20.96	2.3435	0.0009	39 15 17.9	14.941	0.234	80.3	210 213	39 2809
6245	8.9	47 34.44	2.3514	0.0009	38 55 11.0	14.928	0.235	84.0	6 26 691	38 2598
6246	9.2	14 47 40.27	+2.4390	−0.0006	+35 20 3.0	−14.922	+0.244	79.4	10 12	35 2618
6247	8.4	47 44.37	2.3746	0.0008	37 58 59.6	14.918	0.238	79.4	28 29	38 2599
6248	9.0	48 2.10	2.3190	0.0009	40 5 28.2	14.901	0.233	80.4	226 230	40 2821
6249	9.2	48 15.57	2.4407	0.0006	35 11 5.9	14.888	0.246	80.3	210 213	35 2620
6250	9.1	48 16.75	2.4116	0.0007	36 24 26.7	14.887	0.242	84.0	22 24 683	36 2544

[1] Z. 10 12 680 692δ 693 [2] Z. 22 24 680 683 692δ 693 [3] Z. 6 26 687 688 691 [4] E.B. −0s.021 +0".11 (Porter) [5] Z. 6 26 680 687 688 691 692δ 693; M 294 295 296 297 298 [6] Z. 26 680 691 692δ 693; M 330 332 [13".3] 333; R(2) [7] E.B. −0s.018 +0".09 (Porter) [8] Z. 6 26 680 687 688 691 692δ 693; M 174 175 294 295 296 [9] Z. 28 29 680 692δ 693 [10] Z. 22 24 683 687 688

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6251	8.8	14h 48m 38s.31	+2s.4445	−0s.0005	+34° 58′ 28″.8	−14″.866	+0″.246	80.4	226 230	35° 2622
6252	8.6	48 50.70	2.4122	0.0006	36 18 24.2	14.854	0.242	80.3	210 213	36 2547
6253	9.4	49 15.10	2.3914	0.0007	37 6 19.2	14.830	0.241	87.8	5 Beob. [1]	37 2583
6254	7.0	49 18.87	2.4240	0.0005	35 45 23.3	14.826	0.244	79.4	10 12	35 2624
6255	7.4	49 27.90	2.4433	0.0004	34 55 12.3	14.817	0.247	80.3	210 213	35 2625
6256	9.6	14 49 35.22	+2.3436	−0.0007	+38 56 54.2	−14.810	+0.237	94.6	5 Beob. [2]	39 2810
6257	9.1	49 52.87	2.3944	0.0006	36 54 6.7	14.793	0.242	79.4	10 12	36 2549
6258	8.3	50 31.67	2.4152	0.0005	35 57 48.5	14.754	0.244	84.0	22 24 683	36 2550
6259	9.1	50 33.60	2.4271	0.0004	35 27 45.3	14.752	0.246	79.4	10 12	35 2628
6260	8.3	50 50.37	2.3514	0.0006	38 28 49.9	14.736	0.239	84.0	6 26 691	38 2603
6261	8.7	14 50 52.66	+2.3117	−0.0006	+39 58 51.0	−14.734	+0.235	87.8	226(½) 230 687 688	40 2828
6262	7.4	50 55.92	2.3901	0.0005	36 56 13.2	14.730	0.243	84.0	22 24 683	37 2587
6263	9.3	50 58.86	2.3449	0.0006	38 42 48.6	14.727	0.239	79.4	28 29	38 2604
6264	9.2	51 23.56	2.3175	0.0006	39 41 53.3	14.703	0.236	80.3	210 213	39 2812
6265	8.3	51 27.83	2.3304	0.0006	39 12 3.4	14.699	0.237	80.4	226 230	39 2813
6266	9.2	14 51 32.33	+2.3375	−0.0006	+38 55 25.5	−14.694	+0.238	84.0	6 26 691	39 2814
6267	6.8	52 5.74	2.4096	0.0004	35 59 42.8	14.661	0.246	80.3	210 213	36 2555
6268	8.3	52 8.22	2.3801	0.0004	37 11 6.2	14.659	0.243	84.0	22 24 683	37 2589
6269	8.5	52 8.40	2.3974	0.0004	36 29 18.8	14.658	0.245	80.4	226 230	36 2554
6270	9.1	52 25.50	2.3296	0.0005	39 6 21.9	14.641	0.238	79.4	28 29	39 2818
6271	9.0	14 52 54.39	+2.4353	−0.0002	+34 49 18.5	−14.612	+0.250	79.4	10 12	34 2586
6272	8.9	52 54.90	2.3509	0.0004	38 13 41.6	14.612	0.241	84.0	6 26 691	38 2606
6273	9.5	53 16.00	2.3932	0.0003	36 30 43.4	14.591	0.246	93.5	687 688	36 2559
6274	9.5	53 23.19	2.3403	0.0004	38 34 32.9	14.584	0.241	86.9	210 213 687 688	38 2607
6275	9.0	53 27.83	2.3645	0.0004	37 37 54.0	14.579	0.243	79.4	28 29	37 2591
6276	8.1	14 53 35.90	+2.4190	−0.0002	+35 25 5.4	−14.571	+0.249	84.0	22 24 683	35 2631
6277	9.2	53 44.89	2.3616	0.0003	37 42 22.5	14.562	0.243	86.4 87.8	5 Beob. [3]	37 2593
6278	7.6	53 47.00	2.4284	0.0001	35 0 9.0	14.560	0.250	79.4	10 12	35 2634
6279	7.8	53 49.98	2.3271	0.0004	39 1 10.6	14.557	0.240	80.4	226 230	39 2819
6280	8.7	53 50.05	2.3955	0.0002	36 20 58.5	14.557	0.246	80.4	226 230	36 2560
6281	7.8	14 53 55.09	+2.3604	−0.0003	+37 43 55.8	−14.552	+0.243	84.0	6 26 691	37 2594
6282	9.2	54 0.64	2.4234	0.0001	35 10 52.4	14.546	0.250	86.9 88.2	5 Beob. [4]	35 2635
6283	8.5	54 2.57	2.3596	0.0003	37 44 51.2	14.544	0.243	80.3	210 213	37 2595
6284	8.5	54 13.73	2.3678	0.0003	37 24 16.1	14.533	0.244	87.8	5 Beob. [1]	37 2596
6285	9.1	54 15.23	2.3654	0.0003	37 29 41.9	14.532	0.244	80.4	226 230	37 2597
6286	8.8	14 54 26.50	+2.3774	−0.0002	+36 59 56.4	−14.520	+0.245	87.8 88.7	6 Beob. [5]	37 2598
6287	6.9	54 42.16	2.4112	0.0002	35 35 59.1	14.504	0.249	79.4	10 12	35 2637
6288	5.9	54 49.36	2.3035	0.0003	39 45 43.9	14.497	0.238	88.6	5 Beob. [6]	39 2820
6289	8.7	54 50.25	2.3909	0.0002	36 24 39.6	14.496	0.247	80.3	210 213	36 2563
6290	9.4	55 8.44	2.3305	0.0003	38 43 17.4	14.478	0.241	87.8	5 Beob. [7]	38 2608
6291	8.9	14 55 15.64	+2.3098	−0.0003	+39 28 45.6	−14.471	+0.239	79.4	28 29	39 2821
6292	8.8	55 26.49	2.2992	0.0003	39 50 38.1	14.460	0.238	80.3	210 213	39 2823
6293	8.2	55 28.55	2.3129	0.0003	39 20 17.3	14.458	0.240	87.8 88.7	6 Beob. [8]	39 2824
6294	8.2	55 44.43	2.3702	0.0001	37 7 0.8	14.442	0.246	79.4	10 12	37 2601
6295	8.5	56 47.27	2.3908	0.0000	36 10 24.2	14.378	0.249	87.8	5 Beob. [1]	36 2565
6296	8.0	14 57 13.78	+2.3046	−0.0001	+39 25 13.9	−14.351	+0.241	87.8	5 Beob. [7]	39 2826
6297	9.2	57 29.29	2.4009	0.0000	35 40 50.4	14.335	0.251	88.8	6 Beob. [9]	35 2641
6298	9.2	57 49.33	2.2970	0.0000	39 37 26.3	14.315	0.241	84.0	6 26 691	39 2827
6299	5.9	58 6.60	2.3986	+0.0001	35 41 46.8	14.297	0.251	89.9	7 Beob. [10]	35 2642
6300	9.1	58 10.73	2.3978	+0.0001	35 42 58.7	14.293	0.251	80.4	226 230	35 2643

[1] Z. 22 24 683 687 688 [2] Z. 687 688; M 330 332 333 [3] Z. 28 29 680 692δ 693 [4] Z. 233 234 680 692δ 693
[5] Z. 22 24 680 683 692δ 693 [6] M 174 175 294 295 296 [7] Z. 6 26 687 688 691 [8] Z. 6 26 680 691 692δ 693
[9] Z. 10 12 693 694 695 696 [10] Z. 687 688 694; M 174 175 295 296

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6301	8.0	14^{h} 58^{m} $13^{s}.32$	$+2^{s}.3030$	$0^{s}.0000$	+39° 21′ 21″.7	−14″.290	+0″.242	79.4	28 29	39° 2829
6302	8.8	58 21.25	2.4206	+0.0002	34 46 16.6	14.282	0.254	79.4	10 12	34 2597
6303	9.0	58 29.74	2.3869	0.0001	36 7 13.1	14.273	0.251	80.3	210 213	36 2567
6304	8.5	58 30.69	2.3794	0.0001	36 24 53.3	14.272	0.250	84.0	22 24 683	36 2568
6305	6.3	58 34.96	2.4130	0.0002	35 3 23.1	14.268	0.254	80.3	210 213	35 2644
6306	7.7	14 58 39.37	+2.4173	+0.0002	+34 52 19.5	−14.263	+0.254	79.4	10 12	34 2599
6307	8.9	59 8.71	2.3540	0.0001	37 19 46.0	14.233	0.248	84.0	22 24 683	37 2604
6308	8.9	59 18.57	2.3576	0.0001	37 10 14.6	14.223	0.248	79.4	28 29	37 2605
6309	9.1	59 29.11	2.2893	0.0001	39 41 45.6	14.212	0.242	84.0	6 26 691	39 2831
6310	8.3	59 54.63	2.4117	0.0003	34 57 12.5	14.186	0.255	82.2	5 Beob. [1]	35 2648
6311	7.1	14 59 55.66	+2.3044	+0.0001	+39 5 28.9	−14.184	+0.244	84.0	6 26 691	39 2832
6312	7.5	15 1 7.79	2.4011	0.0003	35 14 19.1	14.110	0.255	79.4	15 17	35 2649
6313	6.2	1 41.19	2.3563	0.0003	36 56 16.5	14.076	0.250	86.4	19 21 693 694	37 2608
6314	8.1	1 47.05	2.2875	0.0003	39 28 46.4	14.070	0.244	84.0[2]	6 26 691	39 2834
6315	9.1	1 58.39	2.3805	0.0003	35 57 44.3	14.058	0.254	79.4	15 17	36 2574
6316	8.0	15 2 10.54	+2.2689	+0.0004	+40 5 26.6	−14.045	+0.242	79.4	28 29	40 2854
6317	8.6	2 36.26	2.3372	0.0003	37 33 16.4	14.018	0.249	84.0	6 26 691	37 2609
6318	9.2	3 8.36	2.3833	0.0004	35 42 56.7	13.985	0.255	86.4	15 17 693 694	35 2651
6319	8.6	4 7.36	2.3261	0.0004	37 47 34.8	13.923	0.250	84.0	6 26 691	37 2611
6320	9.0	4 13.21	2.3930	0.0005	35 12 32.3	13.917	0.257	79.4	15 17	35 2652
6321	9.1	15 4 35.40	+2.3163	+0.0004	+38 5 56.2	−13.894	+0.250	79.4	28 29	38 2619
6322	8.3	4 37.47	2.2658	0.0005	39 54 27.4	13.891	0.244	79.9	32 217	39 2837
6323	8.1	5 9.24	2.3898	0.0006	35 13 48.8	13.858	0.258	79.4	15 17	35 2654
6324	7.9[3]	5 10.34	2.2769	0.0005	39 27 3.7	13.857	0.246	80.3	220 223	39 2838
6325	8.4	5 18.35	2.3122	0.0005	38 10 2.7	13.848	0.250	82.2	5 Beob. [4]	38 2620
6326	8.9	15 5 20.26	+2.2917	+0.0006	+38 54 17.3	−13.846	+0.248	79.9	32 217	38 2621
6327	9.0	5 33.48	2.3900	0.0006	35 10 34.0	13.832	0.258	79.4	19 21	35 2657
6328	9.1	5 44.54	2.3287	0.0005	37 30 30.9	13.821	0.252	84.0	6 26 691	37 2613
6329	8.8	5 59.53	2.2751	0.0006	39 25 10.4	13.805	0.246	79.4	28 29	39 2839
6330	9.2	6 1.74	2.3851	0.0007	35 18 58.1	13.803	0.258	79.4	15 17	35 2659
6331	8.2	15 6 27.07	+2.2735	+0.0006	+39 25 18.6	−13.776	+0.247	79.9	32 217	39 2841
6332	8.3	6 33.87	2.2828	0.0006	39 4 47.6	13.769	0.248	79.4	28 29	39 2842
6333	9.2	6 53.08	2.3850	0.0007	35 13 35.1	13.748	0.259	79.4	15 17	35 2660
6334	6.8	7 8.05	2.3320	0.0006	37 13 30.5	13.732	0.253	86.4	19 21 693 694	37 2616
6335	8.0	7 12.38	2.2790	0.0007	39 8 37.0	13.728	0.248	83.4	26 220 223 691	39 2844
6336	8.3	15 7 14.89	+2.2789	+0.0007	+39 8 29.1	−13.725	+0.248	93.4	692δ 695 696	39 2845
6337	9.1	7 29.74	2.3416	0.0007	36 49 32.9	13.710	0.255	86.7	32 217 693 694	36 2581
6338	9.6	7 32.35[5]	2.3288	0.0007	37 17 57.9[5]	13.706	0.253	89.8 90.2	11 Beob. [5]	37 2617
6339	6.9	7 39.64	2.2686	0.0007	39 27 25.5	13.699	0.247	79.4	28 29	39 2846
6340	7.2	7 41.17	2.3512	0.0007	36 26 31.7	13.697	0.256	79.9	32 217	36 2583
6341	9.3	15 7 41.29	+2.3583	+0.0007	+36 10 9.2[6]	−13.697	+0.257	88.3 86.9	5 Beob. [6]	36 2582
6342	9.3	7 41.31	2.3852	0.0008	35 7 46.4	13.697	0.260	79.4	15 17	35 2661
6343	9.3	7 46.85	2.2999	0.0007	38 19 44.0	13.691	0.251	90.7	5 Beob. [7]	38 2627
6344	7.0	8 29.90	2.2750	0.0008	39 8 3.9	13.645	0.249	80.3	220 223	39 2847
6345	9.4	8 36.89	2.3660	0.0008	35 46 11.1	13.637	0.259	86.9	227 231 693 694	35 2662
6346	7.8	15 8 38.35	+2.3769	+0.0008	+35 20 57.3	−13.636	+0.260	79.4	15 17	35 2663
6347	8.9	8 41.56	2.3438	0.0008	36 36 20.6	13.633	0.256	79.4	19 21	36 2584
6348	9.2	8 43.17	2.3132	0.0007	37 44 32.1	13.631	0.253	84.0	6 26 691	37 2620
6349	9.1	8 44.64	2.2987	0.0007	38 15 49.7	13.629	0.251	86.9	227 231 693 694	38 2628
6350	9.0	8 45.54	2.2738	0.0008	39 8 55.8	13.628	0.249	80.3	220 223	39 2848

[1] Z. 10 12 22 24 683 (dpl. 2″) [2] E.B. $-0^{s}.010$ $-0''.30$ [3] Dpl. 9″ austr. seq.; Com. $9^{m}.2$ [4] Z. 6 26 28 29 691
[5] Z. 19 21 692δ[49″.0] 695 696[33″.03]; M 14 330 332 333; R(2) [6] Z. 220 223 697 698[17″.8]; M 299
[7] Z. 26 691 697 698; M 298

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6351	6.2	15h 8m 49.93s	+2.2852s	+0.0008s	+38° 44' 0.8"	−13.624"	+0.250"	86.9 87.6	9 Beob. [1]	38° 2629
6352	7.5	9 21.93	2.3741	0.0009	35 22 37.2	13.589	0.260	79.9	32 217	35 2664
6353	8.1	9 27.05	2.2629	0.0009	39 26 55.7	13.584	0.248	80.4	227 231	39 2852
6354	8.8	9 58.64	2.3852	0.0009	34 52 47.2	13.550	0.262	86.6	32 217 693 694	34 2616
6355	7.4	10 11.82	2.2801	0.0009	38 45 50.6	13.536	0.251	87.8 88.7	6 Beob. [2]	38 2631
6356	7.9	15 10 12.95	+2.3208	+0.0008	+37 17 39.5	−13.535	+0.255	86.4	19 21 693 694	37 2621
6357	9.3	10 13.96	2.2449	0.0009	39 58 49.9	13.533	0.247	79.4	28 29	40 2866
6358	9.0	10 32.32	2.3432	0.0009	36 25 41.7	13.514	0.258	80.4	220 223	36 2586
6359	9.3	10 32.93	2.3575	0.0009	35 53 9.4	13.513	0.260	79.4	15 17	35 2667
6360	9.5	10 53.40 [3]	2.3225	0.0009	37 9 42.4	13.491	0.256	91.4 91.8	10 Beob. [3]	37 2622
6361	8.7	15 10 59.06	+2.3514	+0.0009	+36 4 10.4	−13.485	+0.259	80.4	220 223	36 2588
6362	9.1	11 3.17	2.2558	0.0010	39 31 7.9	13.480	0.249	79.4	28 29	39 2853
6363	9.0	11 8.96	2.3069	0.0009	37 42 5.2	13.474	0.255	84.0	6 26 691	37 2624
6364	8.3	11 12.45	2.2652	0.0010	39 10 27.6	13.470	0.250	80.4	227 231	39 2854
6365	8.6	11 14.05	2.3849	0.0010	34 45 25.6	13.469	0.263	86.6	32 217 693 694	34 2620
6366	9.1	15 11 31.21	+2.3677	+0.0010	+35 23 39.3	−13.450	+0.262	79.4	15 17	35 2669
6367	6.9	11 34.99	2.3103	0.0009	37 31 47.8	13.446	0.255	87.8 88.7	6 Beob. [4]	37 2625
6368	7.2	11 45.04	2.2613	0.0010	39 15 3.1	13.435	0.250	79.4	28 29	39 2858
6369	9.5	11 59.73	2.3706	0.0010	35 13 47.6	13.419	0.263	79.4	19 21	35 2670
6370	9.0	12 3.19	2.3813	0.0010	34 48 42.7	13.415	0.264	79.4	15 17	34 2624
6371	9.3	15 12 9.04	+2.3700	+0.0010	+35 14 14.3	−13.409	+0.262	86.6	32 217 693 694	35 2671
6372	7.8	12 42.20	2.3585	0.0010	35 37 7.8	13.373	0.262	79.4	15 17	35 2672
6373	9.1	12 53.97	2.3038	0.0010	37 37 22.1	13.360	0.256	84.0	6 26 691	37 2627
6374	8.2	13 13.35	2.3582	0.0011	35 34 34.1	13.339	0.262	79.4	19 21	35 2674
6375	9.2	13 57.21	2.3205	0.0010	36 54 14.8	13.291	0.259	79.4	15 17	36 2590
6376	8.1	15 13 58.79	+2.2301	+0.0012	+40 3 59.5	−13.290	+0.249	86.6	32 217 693 694	40 2870
6377	9.0	14 24.68	2.2903	0.0011	37 56 30.4	13.261	0.255	84.0	6 26 691	38 2639
6378	9.0	14 29.26	2.2637	0.0012	38 52 3.0	13.256	0.253	79.4	28 29	38 2640
6379	7.0 [5]	14 33.81	2.2814	0.0011	38 14 25.1	13.251	0.255	79.4	28 29	38 2642
6380	8.7	14 38.48	2.2956	0.0011	37 43 45.4	13.246	0.256	87.8	5 Beob. [6]	37 2631
6381	8.9	15 14 53.82	+2.3102	+0.0011	+37 10 40.9	−13.230	+0.259	86.4 87.8	5 Beob. [7]	37 2632
6382	8.7	14 59.12	2.2594	0.0012	38 57 45.2	13.224	0.253	80.4	220 223	39 2863
6383	9.4	15 7.87	2.3231	0.0011	36 41 1.8	13.214	0.261	80.4	220 223	36 2593
6384	9.5	15 12.16	2.3249	0.0011	36 36 38.9	13.209	0.261	86.8	217 693	36 2594
6385	9.0	15 35.02	2.3502	0.0012	35 37 41.3	13.184	0.264	79.4	15 17	35 2677
6386	9.2	15 15 44.61	+2.2595	+0.0012	+38 52 43.3	−13.174	+0.254	87.8	5 Beob. [8]	38 2645
6387	8.8	15 52.83	2.3546	0.0012	35 26 2.7	13.165	0.265	79.4	15 17	35 2678
6388	9.2	16 36.41	2.3393	0.0012	35 56 1.7	13.117	0.264	79.4	15 17	36 2598
6389	7.7	17 40.79	2.3386	0.0013	35 59 55.6	13.045	0.265	79.4	15 17 32	35 2680
6390	7.9	17 51.76	2.3383	0.0013	35 50 26.2	13.033	0.265	89.1	217 693 694	35 2681
6391	8.1	15 17 51.83	+2.2208	+0.0014	+39 57 41.2	−13.033	+0.252	80.4	220 223	40 2876
6392	9.2	17 54.92	2.3001	0.0013	37 13 33.8	13.030	0.261	79.4	19 21	37 2634
6393	5.8	17 59.98	2.2184	0.0015	40 1 42.5	13.024	0.252	89.4 90.0	7 Beob. [9]	40 2877
6394	8.5	18 10.55	2.2682	0.0014	38 19 19.2	13.013	0.256	87.8	5 Beob. [10]	38 2648
6395	8.9	18 24.39	2.2661	0.0014	38 22 17.3	12.997	0.256	79.4	28 29	38 2649
6396	8.9	15 18 31.94	+2.3506	+0.0013	+35 18 59.1	−12.989	+0.267	79.4	15 17	35 2682
6397	8.7	18 34.93	2.2302	0.0015	39 34 27.7	12.985	0.253	80.4	220 223	39 2867
6398	8.8	18 57.46	2.3155	0.0013	36 33 52.2	12.960	0.264	79.4	19 21	36 2602
6399	9.4	19 3.07	2.2135	0.0015	40 4 46.0	12.954	0.252	86.9	220 223 693 694	40 2880
6400	9.4	19 19.23	2.2400	0.0015	39 10 8.6	12.936	0.255	80.4	227 231 235 238	39 2868

[1] Z. 28 29 692δ 695 696 697 698; M 174 175 [2] Z. 6 26 691 692δ 695 696 [3] Z. 19 21 695 696; M 330 331 332 [54.23] 333; R(2) [4] Z. 6 26 691 692δ 695 696 [5] BD 8.2 [6] Z. 6 26 691 693 694 [7] Z. 19 21 692δ 695 696 [8] Z. 6 26 691 693 694 [9] Z. 692δ 695 696 697 698; M 174 175 [10] Z. 6 26 691 693 694

Nr.	Gr.	A.R. 1875	Praec.	Var. saec	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6401	8.0	15h 19m 30s.72	+2s.2563	+0s.0014	+38° 35′ 47″.0	−12″.923	+0″.257	79.9	32 217	38° 2651
6402	7.0	19 37.90	2.2548	0.0014	38 38 2.2	12.915	0.257	82.2	5 Beob. [1]	38 2652
6403	**3.8**	**19 46.09**	**2.2780**	**0.0014**	**37 48 59.3**	**12.906**	**0.260**		**Fund. Cat.**	**37 2636**
6404	7.1	19 47.28	2.2788	0.0014	37 47 12.5	12.905	0.260	84.0	6 26 691	37 2637
6405	9.1	19 54.04	2.2687	0.0015	38 7 42.1	12.897	0.259	79.4	28 29	38 2653
6406	8.7	15 20 8.88	+2.2433	+0.0015	+38 58 12.6	−12.881	+0.256	80.4	220 223	39 2869
6407	8.8	20 24.17	2.2667	0.0015	38 8 42.8	12.864	0.259	79.9	32 217	38 2655
6408	8.8	20 37.58	2.2802	0.0015	37 39 6.2	12.849	0.261	87.8	5 Beob. [2]	37 2639
6409	9.5	20 48.82	2.2900	0.0015	37 17 23.5	12.836	0.263	88.7	21 693 694	37 2640
6410	9.0	21 1.75	2.2385	0.0016	39 2 33.2	12.822	0.256	79.4	28 29	39 2871
6411	9.5	15 21 13.42	+2.3572	+0.0015	+34 48 15.8[3]	−12.809	+0.270	92.6 91.7	7 Beob. [3]	34 2644
6412	5.5	21 23.69	2.3575	0.0015	34 46 20.5	12.797	0.270	84.7	6 Beob. [4]	34 2645
6413	9.3	21 26.39	2.3310	0.0015	35 45 15.9	12.794	0.267	87.7	32 217; M 330 331	35 2685
6414	8.7	21 34.94	2.3290	0.0015	35 48 40.7	12.785	0.268	79.4	15 17	35 2686
6415	9.0	21 36.24	2.3222	0.0015	36 3 28.2	12.783	0.267	79.9	32 217	36 2605
6416	8.1	15 22 5.62	+2.2737	+0.0016	+37 44 0.7	−12.750	+0.261	82.2	5 Beob. [5]	37 2643
6417	7.8	22 13.50	2.2942	0.0015	37 0 6.9	12.741	0.264	79.4	19 21	37 2644
6418	9.4	22 21.30	2.2817	0.0016	37 25 45.6	12.732	0.262	86.4[6]	19 21 693 694	37 2645
6419	9.2	22 26.43	2.2697	0.0016	37 50 11.2	12.726	0.261	93.4	693 694	37 2646
6420	8.4	22 33.17	2.2070	0.0017	39 55 49.7	12.719	0.255	79.9	32 217	39 2872
6421	9.0[7]	15 23 30.05	+2.2385	+0.0017	+38 47 36.2	−12.655	+0.258	79.4	28 29	38 2662
6422	8.8	23 34.97	2.2487	0.0017	38 26 38.4	12.649	0.260	87.8 88.7	6 Beob. [8]	38 2663
6423	8.8	23 38.18	2.2302	0.0017	39 3 30.9	12.645	0.258	79.9	32 217	39 2874
6424	8.7	23 44.25	2.2413	0.0017	38 40 33.7	12.638	0.259	87.8	5 Beob. [9]	38 2664
6425	8.9	23 52.36	2.3418	0.0016	35 7 14.1	12.629	0.271	79.4	15 17	35 2691
6426	6.2	15 23 52.51	+2.2266	+0.0017	+39 9 22.9	−12.629	+0.257	79.4	28 29	39 2875
6427	7.7	24 46.12	2.3011	0.0017	36 30 26.5	12.568	0.267	79.4	19 21	36 2610
6428	8.9	24 46.70	2.2473	0.0017	38 22 17.9	12.568	0.260	87.8	5 Beob. [10]	38 2665
6429	7.3	24 53.63	2.3259	0.0016	35 36 23.3	12.560	0.270	79.4	15 17	35 2692
6430	8.0	24 58.74	2.3377	0.0016	35 9 59.7	12.554	0.271	79.9	32 217	35 2693
6431	9.1	15 25 1.77	+2.3262	+0.0017	+35 34 50.3	−12.550	+0.270	80.4	220 223	35 2694
6432	9.5	25 32.93	2.2208	0.0018	39 10 56.1	12.515	0.258	89.0	223 693 694	39 2876
6433	9.1	25 36.12	2.2286	0.0018	38 55 3.3	12.511	0.259	79.4	28 29	38 2667
6434	6.0	25 43.69	2.2779	0.0017	37 13 54.1	12.503	0.265	79.4	19 21	37 2651
6435	8.6	25 44.49	2.3037	0.0017	36 19 25.0	12.502	0.268	80.4	227 231	36 2612
6436	8.2	15 25 51.91	+2.3236	+0.0017	+35 35 47.7	−12.493	+0.271	79.9	32 217	35 2696
6437	6.8	25 53.27	2.3430	0.0017	34 53 36.8	12.492	0.273	79.4	15 17	34 2655
6438	9.5	26 2.29	2.1975	0.0019	39 53 40.0	12.481	0.256	86.9	220 223 693 694	39 2878
6439	8.2	26 5.10	2.2370	0.0018	38 35 31.2	12.478	0.261	84.0	6 26 691	38 2668
6440	9.2	26 13.32	2.2524	0.0018	38 3 38.8	12.469	0.262	79.4	28 29	38 2669
6441	8.5	15 26 31.91	+2.3366	+0.0017	+35 3 37.5	−12.448	+0.273	79.9	32 217	35 2697
6442	6.3	26 37.11	2.2809	0.0018	37 2 37.1	12.442	0.266	79.4	19 21	37 2653
6443	9.0	26 43.40	2.2628	0.0018	37 39 20.1	12.434	0.264	87.8	5 Beob. [11]	37 2654
6444	9.3	26 45.02	2.2347	0.0019	38 36 15.0	12.433	0.261	79.4	28 29	38 2670
6445	8.5	27 2.95	2.2363	0.0019	38 31 14.6	12.412	0.261	80.4	220 223	38 2671
6446	8.8	15 27 7.53	+2.3122	+0.0018	+35 53 21.6	−12.407	+0.271	79.4	15 17	35 2698
6447	8.9	27 10.04	2.2005	0.0020	39 41 3.1	12.404	0.257	80.4	235 238	39 2880
6448	8.1	27 10.75	2.3046	0.0018	36 9 29.6	12.403	0.270	80.4	227 231	36 2614
6449	8.9	27 12.23	2.2522	0.0019	37 58 11.9	12.401	0.264	80.4	227 231	38 2672
6450	9.2	27 24.07	2.2158	0.0019	39 9 54.9	12.388	0.259	80.4	235 238	39 2883

[1] Z. 6 26 28 29 691 [2] Z. 6 26 691 693 694 [3] Z. 223 692δ [18″.8] 696 [9″.1]; M 333 [47′ 58″.6]; R(3)
[4] Z. 15 17 697 698; M 174 175 [5] Z. 6 26 28 29 691 [6] E. B. +0s.035 −0″.10 wahrscheinlich [7] Dpl. 8″ praec.
[8] Z. 6 26 691 692δ 695 696 [9] Z. 6 26 691 693 694 [10] Z. 6 26 691 693 694 [11] Z. 6 26 691 693 694

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6451	9.0	15h 27m 51s.56	+2s.1948	+0s.0020	+39° 48' 15".4	−12".356	+0".257	79.4	28 29	39° 2884
6452	8.8	28 8.63	2.3116	0.0018	35 48 59.5	12.337	0.271	79.4	15 17	35 2700
6453	9.3	28 9.22	2.2162	0.0020	39 5 3.1	12.336	0.260	86.6	32 217 693 694	39 2885
6454	9.1	28 9.82	2.2462	0.0019	38 5 3.0	12.335	0.264	84.0	6 26 691	38 2674
6455	9.7	28 39.78[1]	2.2738	0.0019	37 5 38.4	12.301	0.267	91.8 90.9	8 Beob.[1]	37 2658
6456	8.2	15 28 40.92	+2.2209	+0.0020	+38 52 41.8	−12.300	+0.261	87.8	5 Beob.[2]	38 2675
6457	7.0	28 42.68	2.2950	0.0019	36 21 2.5	12.297	0.270	79.9	32 217	36 2617
6458	9.4	28 43.58[3]	2.2727	0.0019	37 7 37.0	12.297	0.267	92.1 92.6	7 Beob.[3]	37 2659
6459	9.2	28 52.64	2.2789	0.0019	36 53 55.3	12.286	0.268	79.4	15 17	36 2618
6460	8.3	29 49.08	2.3248	0.0019	35 11 12.3	12.221	0.274	79.9	32 217	35 2702
6461	8.6	15 29 53.52	+2.3259	+0.0019	+35 8 28.9	−12.216	+0.275	80.4	220 223	35 2703
6462	8.3	29 56.45	2.2837	0.0020	36 38 3.9	12.212	0.269	80.4	220 223	36 2619
6463	8.8	29 56.78	2.1863	0.0021	39 52 29.1	12.212	0.258	84.0	6 26 691	39 2888
6464	8.9	30 25.81	2.2637	0.0020	37 16 42.7	12.178	0.267	79.4	19 21	37 2660
6465	9.4	30 35.03	2.3337	0.0019	34 47 50.9	12.168	0.276	79.4	15 17	34 2664
6466	5.6	15 30 39.75	+2.1982	+0.0021	+39 25 34.3	−12.162	+0.260	88.7	11 Beob.[4]	39 2889
6467	8.7	30 41.74	2.3075	0.0019	35 43 47.0	12.160	0.273	86.6	32 217 693 694	35 2704
6468	8.1	30 43.70	2.2818	0.0020	36 37 44.2	12.158	0.270	80.4	220 223	36 2621
6469	8.0	30 49.00	2.3136	0.0019	35 30 2.6	12.152	0.274	79.4	15 17	35 2705
6470	7.3	31 5.39	2.2891	0.0020	36 20 19.3	12.132	0.271	79.4	19 21	36 2622
6471	6.4	15 31 11.84	+2.2164	+0.0021	+38 47 21.3	−12.125	+0.262	84.0	25 34 689	38 2678
6472	6.9	31 27.48	2.2944	0.0020	36 7 20.2	12.107	0.272	79.4	19 21	36 2623
6473	7.0	31 45.72	2.2450	0.0021	37 47 24.5	12.086	0.267	79.9	32 217	37 2661
6474	9.3	31 46.24	2.3257	0.0020	34 58 51.1	12.085	0.276	79.4	15 17	35 2708
6475	9.1	31 59.07	2.2402	0.0021	37 55 43.7	12.070	0.266	87.8	5 Beob.[5]	37 2663
6476	9.2	15 32 25.92	+2.1842	+0.0022	+39 42 37.2	−12.039	+0.260	79.4	13 23	39 2892
6477	9.2	32 42.19	2.3269	0.0020	34 51 16.2	12.020	0.277	79.4	15 17	34 2669
6478	8.5	32 54.02	2.2804	0.0021	36 28 50.2	12.006	0.271	79.4	19 21	36 2624
6479	8.0	32 57.85	2.2737	0.0021	36 42 15.0	12.002	0.271	79.9	32 217	36 2625
6480	9.3	33 18.63[6]	2.2336	0.0021	38 1 47.3	11.977	0.266	79.4 84.0	25 34 689	38 2682
6481	7.7[7]	15 33 29.22	+2.2737	+0.0021	+36 39 17.5	−11.965	+0.271	86.6	32 217 693 694	36 2626
6482	7.6	33 31.40	2.2206	0.0022	38 26 14.3	11.962	0.265	86.4	13 23 693 694	38 2683
6483	9.0	33 43.72	2.2035	0.0022	38 58 37.7	11.948	0.263	79.4	13 23	39 2894
6484	8.0	33 56.89	2.1825	0.0023	39 37 29.9	11.932	0.261	84.0	25 34 689	39 2895
6485	6.0	33 59.06	2.3174	0.0021	35 5 0.8	11.930	0.277	79.4	15 17	35 2711
6486	8.7	15 34 22.02	+2.2567	+0.0022	+37 9 42.3	−11.903	+0.270	79.4	19 21	37 2664
6487	9.2	34 31.53	2.3220	0.0021	34 52 19.5	11.892	0.278	79.4	15 17	34 2671
6488	**4.3**	**34 40.25**	**2.2595**	**0.0022**	**37 2 33.4**	**11.881**	**0.270**		**Fund. Cat.**	**37 2665**
6489	8.7	34 52.56	2.1734	0.0023	39 49 46.8	11.867	0.260	86.4	13 23 691 696	39 2896
6490	9.1	34 54.17	2.2875	0.0021	36 3 26.6	11.865	0.274	88.8	32 693 694	36 2629
6491	8.9	15 35 21.37	+2.2617	+0.0022	+36 54 13.6	−11.833	+0.271	79.4	19 21	36 2630
6492	6.7	35 47.06	2.2302	0.0022	37 55 16.4	11.803	0.268	87.8	5 Beob.[8]	38 2687
6493	7.0	35 49.55	2.2451	0.0022	37 25 15.0	11.800	0.270	79.4	15 17	37 2666
6494	7.6	36 11.03	2.1920	0.0024	39 7 17.2	11.775	0.264	86.4	13 23 693 694	39 2898
6495	7.5	36 25.65	2.2050	0.0023	38 40 58.8	11.757	0.265	79.9	32 217	38 2688
6496	7.6	15 36 51.44	+2.1953	+0.0024	+38 57 35.4	−11.727	+0.265	79.4	13 23	39 2901
6497	8.0	36 57.96	2.2724	0.0022	36 23 56.0	11.719	0.274	79.9	32 217	36 2633
6498	8.8	37 1.87	2.2593	0.0023	36 50 23.2	11.714	0.272	79.4	15 17	36 2634
6499	7.3	37 8.55	2.2409	0.0023	37 26 54.5	11.707	0.270	79.4	19 21	37 2669
6500	9.1	37 11.07	2.2112	0.0023	38 25 11.5	11.704	0.267	84.0	25 34 689	38 2690

[1] Z. 19 21 [39s.09] 695 [38s.64] 696; M 331 332 [40s.15]; R(2) [2] Z. 6 26 691 693 694 [3] Z. 21 695 696; M 330 [42s.94] 333; R(2) [4] Z. 13 23 693 694; M 174 175 297 298 299 300 301 [5] Z. 25 34 689 693 694 [6] Z. 689 [19s.22] [7] Dpl. 2" praec. [8] Z. 25 34 689 693 694

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6501	9.0	15h 37m 37s.08	+2s.1980	+0s.0024	+38° 48' 20".4	−11".673	+0".266	84.0	25 34 689	38° 2691
6502	9.3	37 42.88	2.1695	0.0024	39 41 50.6	11.666	0.262	79.9	32 217	39 2903
6503	8.0	38 8.44	2.1613	0.0025	39 54 52.8	11.636	0.262	79.4	13 23	39 2904
6504	8.0	38 27.31	2.3031	0.0022	35 12 35.0	11.613	0.279	79.4	15 17	35 2719
6505	8.8	38 32.00	2.3009	0.0022	35 16 42.6	11.608	0.278	79.4	19 21	35 2720
6506	9.4	15 39 10.56	+2.2948	+0.0023	+35 26 21.3	−11.562	+0.278	79.4	15 17	35 2721
6507	8.0	39 12.66	2.2835	0.0023	35 49 30.9	11.559	0.277	79.4	19 21	35 2722
6508	8.2	39 31.21	2.1757	0.0025	39 20 44.4	11.537	0.264	84.0	25 34 689	39 2906
6509	7.5	39 32.49	2.1556	0.0026	39 58 6.9	11.536	0.262	79.4	13 23	40 2914
6510	7.7	39 51.37	2.2192	0.0024	37 55 43.4	11.513	0.270	86.6	32 217 693 694	38 2693
6511	8.5	15 39 53.19	+2.1593	+0.0026	+39 49 28.2	−11.511	+0.263	80.4	220 223	39 2908
6512	8.5	40 8.56	2.2300	0.0024	37 32 59.8	11.492	0.271	84.1	25 34 689	37 2673
6513	8.9	40 30.47	2.1499	0.0026	40 3 39.6	11.466	0.262	86.4	13 23 693 694	40 2916
6514	9.3	40 33.48	2.2852	0.0023	35 39 27.2	11.463	0.278	79.4	15 17	35 2723
6515	9.4	40 37.92	2.1496	0.0026	40 3 33.2	11.457	0.262	79.4	13 23	40 2917
6516	9.0	15 40 40.34	+2.1754	+0.0026	+39 15 29.6	−11.454	+0.265	79.9	32 217	39 2910
6517	9.4	40 43.94	2.2849	0.0023	35 39 13.8	11.450	0.278	79.4	15 17	35 2724
6518	7.8	41 11.16	2.2498	0.0024	36 48 30.5	11.417	0.274	79.4	19 21	36 2643
6519	8.4	41 30.76	2.1653	0.0026	39 30 1.8	11.394	0.265	84.0	25 34 689	39 2911
6520	8.6	41 41.19	2.1766	0.0026	39 7 55.9	11.381	0.266	80.4	220 223	39 2912
6521	8.5	15 41 42.13	+2.1615	+0.0026	+39 36 5.3	−11.380	+0.264	80.4	220 223	39 2913
6522	8.5	41 42.91	2.2475	0.0024	36 50 23.2	11.379	0.275	80.4	227 231	36 2644
6523	6.9	41 44.45	2.2477	0.0024	36 49 58.6	11.378	0.275	80.4	227 231	36 2645
6524	8.5	41 56.05	2.1726	0.0026	39 14 19.1	11.364	0.266	80.4	235 238	39 2915
6525	9.2	41 57.93	2.1954	0.0025	38 30 50.7	11.361	0.269	87.8	5 Beob. [1]	38 2696
6526	9.3	15 42 2.67	+2.2814	+0.0024	+35 39 58.4	−11.356	+0.279	86.4	15 17 691 696	35 2725
6527	8.5	42 10.01	2.3003	0.0024	35 0 6.9	11.347	0.281	79.9	32 217	35 2726
6528	8.4	42 10.61	2.2362	0.0025	37 10 29.1	11.346	0.274	79.4	19 21	37 2674
6529	9.4	42 19.84	2.2741	0.0024	35 53 32.6	11.335	0.278	80.4	220 223	35 2728
6530	8.7	42 22.80	2.1598	0.0026	39 35 52.2	11.331	0.265	86.4	13 23 693 694	39 2916
6531	8.0	15 42 43.79	+2.1657	+0.0026	+39 23 3.5	−11.306	+0.266	79.4	13 23	39 2918
6532	8.2	42 44.49	2.2881	0.0024	35 22 39.0	11.305	0.280	79.4	15 17	35 2731
6533	7.7	42 46.93	2.2227	0.0025	37 34 6.2	11.302	0.272	84.0	25 34 689	37 2675
6534	8.9	42 49.55	2.2476	0.0025	36 44 40.0	11.299	0.275	79.4	19 21	36 2648
6535	8.0	43 7.99	2.2158	0.0025	37 45 50.2	11.277	0.272	79.9	32 217	37 2676
6536	8.7	15 43 31.70	+2.1963	+0.0026	+38 21 26.5	−11.248	+0.270	88.8	23 693 694	38 2701
6537	9.5	43 53.81	2.1460	0.0028	39 53 37.2	11.222	0.264	80.4	235 238	— —
6538	9.1	44 45.70	2.2852	0.0025	35 19 6.3	11.159	0.280	79.4	15 17	35 2734
6539	8.1	44 52.47	2.1380	0.0028	40 3 21.7	11.151	0.264	80.4	220 223	40 2928
6540	9.1	44 52.51	2.1835	0.0027	38 39 1.1	11.151	0.269	83.0	25 32 34 689	38 2702
6541	8.9	15 44 57.34	+2.2180	+0.0026	+37 32 41.7	−11.145	+0.273	79.4	19 21	37 2678
6542	9.1	45 2.28	2.1813	0.0027	38 42 25.2	11.139	0.269	89.1	217 693 694	38 2703
6543	var.[2]	45 3.51	2.1409	0.0028	39 57 10.3	11.137	0.264	85.3	22 Beob. [3]	40 2929
6544	9.2	45 14.05	2.1463	0.0028	39 46 23.9	11.125	0.265	80.4	235 238	[39 2920]
6545	8.4	45 42.01	2.1699	0.0027	39 0 29.7	11.091	0.268	89.1	223 691 696	39 2921
6546	7.8	15 45 54.12	+2.1633	+0.0028	+39 12 1.8	−11.076	+0.268	79.4	13 23	39 2922
6547	8.1	45 58.68	2.1946	0.0027	38 12 47.9	11.070	0.272	84.0	25 34 689	38 2706
6548	9.1	46 7.20	2.1809	0.0027	38 37 58.1	11.060	0.270	79.9	32 217	38 2707
6549	8.9	46 16.21	2.1493	0.0028	39 35 55.9	11.049	0.266	86.9	220 223 693 694	39 2923
6550	7.3	46 16.28	2.2027	0.0026	37 55 47.6	11.049	0.273	80.4	227 231	38 2708

[1] Z. 25 34 689 693 694

[2] V Coronae; Schätz. 9.1 9.1 9.3 9.3 9.3 9.3 8.2 8.0 6.3 8.0 8.2 9.2 — 9.0 — 9.2 9.1 9.2 9.0 8.0 7.8 8.0 6.3 8.0 8.0 7.8 8.2 8.0

[3] Z. 13 23 227 231 235 238 691 693 694 696 697; M 16 86 175 176 177 178 180 181 297 298 300

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6551	5.1	15h 46m 31.31s	+2.2597s	+0.0026s	+36° 2' 42.3"	−11.031"	+0.280"	86.9[1]	8 Beob.[2]	36° 2652
6552	9.4	46 42.15	2.1680	0.0028	38 59 9.8	11.017	0.269	84.0	25 34 689	39 2924
6553	9.0	47 1.98	2.2179	0.0027	37 22 56.6	10.993	0.275	79.4	15 17	37 2682
6554	9.2	47 31.35	2.1674	0.0028	38 56 25.3	10.957	0.269	79.4	13 23	38 2709
6555	9.0	47 54.74	2.1534	0.0029	39 20 25.2	10.929	0.268	79.4	13 23	39 2927
6556	8.8	15 48 6.39	+2.2243	+0.0027	+37 5 18.0	−10.915	+0.277	79.4	19 21	37 2683
6557	9.3	48 24.48	2.2360	0.0027	36 41 5.7	10.892	0.278	79.4	15 17	36 2658
6558	8.8	48 30.69	2.1438	0.0029	39 34 59.2	10.885	0.267	82.2	5 Beob.[3]	39 2929
6559	9.4	49 37.28	2.2169	0.0028	37 12 49.4	10.803	0.277	79.4	15 17	37 2685
6560	8.3	49 53.70	2.1562	0.0029	39 5 56.1	10.783	0.270	82.2	5 Beob.[4]	39 2930
6561	8.7	15 51 9.35	+2.2355	+0.0028	+36 29 33.5	−10.690	+0.280	86.4	15 17 693 694	36 2664
6562	6.0	51 14.78	2.1784	0.0029	38 18 33.9	10.683	0.273	88.7	11 Beob.[5]	38 2712
6563	7.7	51 21.41	2.2166	0.0028	37 5 15.0	10.675	0.278	79.4	19 21	37 2687
6564	9.3	51 26.23	2.1213	0.0030	40 1 59.6	10.669	0.266	86.4	13 23 693 694	40 2942
6565	9.6	51 37.38	2.2659	0.0027	35 26 55.2	10.655	0.284	79.9	32 217	35 2745
6566	9.0	15 51 38.74	+2.2751	+0.0027	+35 8 6.3	−10.653	+0.285	79.4	15 17	35 2746
6567	7.2	51 40.74	2.1287	0.0030	39 47 32.8	10.651	0.268	79.4	13 23	39 2933
6568	9.6	51 47.64[6]	2.2789	0.0027	34 59 50.4	10.642	0.286	92.3 93.1	8 Beob.[6]	35 2747
6569	8.7	51 57.48	2.1953	0.0029	37 43 26.2	10.630	0.276	84.0	25 34 689	37 2691
6570	8.0	52 8.89	2.2522	0.0028	35 51 51.9	10.616	0.283	79.9	32 217[7]	35 2749
6571	9.0	15 52 16.96	+2.2304	+0.0028	+36 34 28.1	−10.606	+0.281	79.4	19 21	36 2667
6572	6.0	53 5.76	2.1162	0.0031	40 3 12.8	10.546	0.267	79.4	13 23	40 2948
6573	9.4	53 17.18[8]	2.1301	0.0030	39 37 37.3	10.532	0.269	89.9 87.8	5 Beob.[8]	39 2935
6574	8.0	53 45.18	2.1959	0.0029	37 34 17.5	10.497	0.277	84.0	25 34 689	37 2693
6575	6.8	53 51.85	2.1760	0.0029	38 11 9.6	10.489	0.275	80.4	220 223	38 2715
6576	8.3	15 53 52.06	+2.2327	+0.0028	+36 22 49.1	−10.488	+0.282	79.9	32 217	36 2672
6577	9.6	54 6.50	2.2478	0.0028	35 52 0.0[9]	10.470	0.283	91.2 89.8	8 Beob.[9]	35 2750
6578	9.0	54 9.61	2.1289	0.0031	39 35 51.7	10.466	0.269	79.4	13 23	39 2936
6579	5.6	54 20.76	2.2125	0.0029	36 59 58.5	10.452	0.280	88.7	11 Beob.[10]	37 2695
6580	7.3	54 24.64	2.2029	0.0029	37 17 57.0	10.448	0.279	80.4	220 223	37 2696
6581	9.1	15 54 35.20	+2.1367	+0.0031	+39 19 49.7	−10.435	+0.271	80.4	220 223	39 2937
6582	9.2	54 43.46	2.1105	0.0032	40 5 53.6	10.424	0.268	79.4	13 23	40 2954
6583	8.2	55 1.20	2.2223	0.0029	36 37 56.4	10.402	0.281	86.4	15 17 693 694	36 2676
6584	8.3	55 12.80	2.1512	0.0030	38 50 54.4	10.388	0.273	87.8	5 Beob.[11]	38 2718
6585	8.2	55 32.09	2.1362	0.0031	39 16 32.4	10.364	0.271	79.9	32 217	39 2940
6586	9.0	15 55 39.67	+2.1740	+0.0030	+38 6 56.6	−10.354	+0.276	87.8	5 Beob.[12]	38 2719
6587	9.2	55 42.08	2.1236	0.0032	39 38 19.4	10.351	0.270	79.4	13 23	39 2941
6588	8.7	55 49.47	2.2306	0.0029	36 18 27.3	10.342	0.283	86.4	19 21 693 694	36 2680
6589	9.4	55 50.17	2.2331	0.0029	36 13 28.2	10.341	0.284	79.9	19 21 220 223	36 2681
6590	9.2	56 14.71	2.2288	0.0029	36 20 4.5	10.310	0.283	79.9	32 217	36 2682
6591	9.5	15 56 16.61	+2.2453	+0.0029	+35 47 42.5	−10.308	+0.285	86.4	15 17 691 696	35 2752
6592	6.9	56 28.86	2.1254	0.0031	39 31 41.8	10.293	0.270	84.0	25 34 689	39 2942
6593	9.3[13]	56 45.46	2.1103	0.0032	39 57 8.1	10.272	0.269	79.4	13 23	40 2960
6594	7.9	57 5.71	2.2612	0.0029	35 12 37.4	10.246	0.288	79.4	19 21	35 2755
6595	8.4[14]	57 27.77	2.2728	0.0028	34 47 46.0	10.219	0.290	79.4	15 17	34 2726
6596	8.2	15 57 45.71	+2.2377	+0.0029	+35 56 25.3	−10.196	+0.285	79.9	32 217	35 2757
6597	8.7	57 49.95	2.2495	0.0029	35 32 54.3	10.191	0.287	79.4	15 17	35 2758
6598	9.2	57 57.34	2.2651	0.0029	35 1 7.0	10.182	0.289	87.9	223 M 331	35 2760
6599	8.4	58 16.76	2.1897	0.0030	37 26 17.4	10.157	0.280	79.4	13 19 21 23	37 2703
6600	7.6	58 18.15	2.2540	0.0029	35 21 53.9	10.156	0.288	80.4	220 223	35 2762

[1] E.B. −0.003s −0.36" (Porter) [2] Z. 15 17 691 696 697 698; M 174 175 [3] Z. 13 23 25 34 689 [4] Z. 13 23 25 34 689 [5] Z. 25 34 689 691 696 697 698; M 174 175 297 298 [6] Z. 223 691 696; M 331 332[48.47s] 333[48.36s]; R(2) [7] Dpl. austr. praec. [8] Z. 25 34[16.40s] 689 693 694 [9] Z. 15(dpl.?) 17 694; M 331[51' 45.4"] 332 333[51' 48.8"]; R(2) [10] Z. 19 21 691 696 697 698; M 174 175 297 298 301 [11] Z. 25 34 689 693 694 [12] Z. 25 34 689 691 696 [13] Dpl.? [14] 7.7 9.0; BD 8.5

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6601	7.8	$15^h\ 58^m\ 30^s.73$	$+2^s.2636$	$+0^s.0029$	+35° 2′ 0″.1	$-10''.140$	$+0''.289$	79.4	15 17	35° 2764
6602	8.0	58 38.81	2.1880	0.0030	37 27 53.5	10.130	0.280	79.4	19 21	37 2705
6603	8.9	58 40.61	2.1748	0.0030	37 52 17.1	10.127	0.278	84.0	25 34 689	37 2706
6604	6.5	58 43.72	2.2033	0.0030	36 58 38.2	10.123	0.282	80.4	227 231	37 2708
6605	9.4	58 44.46	2.1904	0.0030	37 22 57.0	10.122	0.280	93.4	693 694	37 2707
6606	7.0	15 59 2.56	+2.2364	+0.0030	+35 53 34.1	−10.100	+0.286	79.9	32 217	35 2766
6607	9.1	59 4.31	2.1112	0.0032	39 45 38.1	10.097	0.271	79.4	13 23	39 2945
6608	8.7	59 8.36	2.1819	0.0030	37 37 6.7	10.092	0.279	80.4	220 223	37 2711
6609	9.2	59 49.30	2.2078	0.0030	36 45 26.7	10.041	0.283	79.4	19 21	36 2686
6610	9.2	16 0 13.99	2.1005	0.0033	39 59 23.3	10.009	0.270	79.4	13 23	40 2966
6611	8.1	16 0 23.27	+2.2358	+0.0030	+35 49 3.6	− 9.998	+0.287	79.4	15 17	35 2767
6612	6.7	0 37.43	2.1165	0.0033	39 29 43.4	9.980	0.272	89.5[1]	7 Beob.[2]	39 2947
6613	9.5	0 38.39	2.2317	0.0030	35 56 0.9	9.979	0.286	93.4	693 694	35 2770
6614	9.0	0 49.99	2.1238	0.0032	39 15 55.7	9.964	0.273	79.4	13 23	39 2948
6615	9.5	0 50.59	2.2301	0.0030	35 58 27.8	9.963	0.286	87.0	242 244 693 694	36 2688
6616	7.4	16 1 11.87	+2.2484	+0.0030	+35 21 11.0	− 9.936	+0.289	79.4	27 30	35 2772
6617	7.5	1 13.63	2.2013	0.0030	36 52 1.0	9.934	0.283	80.0	31 240	36 2689
6618	8.3	1 18.31	2.1988	0.0030	36 56 19.3	9.928	0.283	80.5	242 244	36 2690
6619	8.9	1 52.27	2.0933	0.0034	40 4 53.9	9.885	0.271	79.4	13 23	40 2969
6620	8.1	1 54.70	2.1982	0.0031	36 54 56.4	9.882	0.283	79.4	27 30	36 2691
6621	8.4	16 2 0.89	+2.1304	+0.0033	+38 59 6.8	− 9.874	+0.275	90.9[3]	11 Beob.[4]	39 2950
6622	9.3	2 6.40	2.1255	0.0033	39 7 26.3	9.867	0.274	80.4	236 239	39 2951
6623	9.3	2 9.19	2.1144	0.0033	39 27 0.5	9.864	0.273	80.5	247 249	39 2952
6624	7.7	2 55.46	2.1223	0.0033	39 9 50.8	9.805	0.274	80.4	236 239	39 2953
6625	8.0	2 58.90	2.1111	0.0033	39 29 16.8	9.800	0.273	79.4	13 23	39 2954
6626	8.7	16 3 1.71	+2.2181	+0.0031	+36 12 36.3	− 9.797	+0.286	80.0	31 240	36 2693
6627	9.3	3 7.30	2.1662	0.0032	37 49 52.7	9.790	0.280	84.0	25 34 689	37 2715
6628	9.2	3 8.49	2.2158	0.0031	36 16 42.3	9.788	0.286	87.0	242 244 693 694	36 2694
6629	8.9	3 12.77	2.1234	0.0033	39 6 45.9	9.783	0.275	80.5	247 249	39 2955
6630	8.2	3 30.59	2.2259	0.0031	35 55 46.6	9.761	0.288	85.8 84.7	27 30[5] M331	35 2776
6631	7.5	16 4 9.66	+2.2261	+0.0031	+35 52 48.2	− 9.710	+0.288	86.4	27 30 693 694	35 2777
6632	8.9	4 10.45	2.2216	0.0031	36 1 23.0	9.709	0.288	80.0	31 240	36 2698
6633	5.2	4 24.05	2.1963	0.0031	36 48 37.9	9.692	0.284	85.1[6]	12 Beob.[7]	36 2699
6634	9.0	4 35.27	2.2214	0.0031	36 0 10.5	9.677	0.288	80.0	31 240	36 2700
6635	9.2	5 4.54	2.2269	0.0031	35 47 37.4	9.640	0.289	79.4	27 30	35 2781
6636	9.3	16 5 10.31	+2.1569	+0.0032	+37 58 27.3	− 9.633	+0.280	86.4	13 23 693 694	38 2730
6637	8.5	5 18.48	2.1287	0.0033	38 48 44.6	9.622	0.277	80.4	236 239	38 2731
6638	9.5	5 27.55	2.2099	0.0031	36 18 45.3	9.611	0.287	87.0	242 244 693 694	36 2702
6639	9.0	5 28.90	2.1172	0.0033	39 8 22.9	9.609	0.275	84.0	25 34 689	39 2957
6640	9.5	5 39.90	2.2371	0.0031	35 25 33.0	9.595	0.290	79.4	27 30	35 2783
6641	9.0	16 5 46.97	+2.1607	+0.0032	+37 49 9.4	− 9.587	+0.281	87.8	5 Beob.[8]	37 2722
6642	8.4	6 19.66	2.1034	0.0034	39 29 7.5	9.544	0.274	80.4	236 239	39 2958
6643	7.6	6 36.60	2.2065	0.0032	36 20 41.1	9.522	0.287	80.0	31 240	36 2704
6644	9.0	6 43.92	2.1612	0.0032	37 44 34.0	9.514	0.282	87.8	5 Beob.[9]	37 2724
6645	8.8	6 47.07	2.1563	0.0032	37 53 19.1	9.509	0.281	80.5	236 239 247 249	37 2725
6646	8.1	16 7 4.20	+2.2337	+0.0031	+35 26 47.3	− 9.487	+0.291	86.4	30 696	35 2788
6647	6.2	7 13.81	2.1924	0.0032	36 44 55.8	9.474	0.286	80.0	31 240	36 2706
6648	9.0	7 20.47	2.2481	0.0030	34 57 49.0	9.466	0.293	80.5	242 244	35 2789
6649	8.7	7 31.56	2.1279	0.0033	38 41 29.4	9.452	0.277	79.4	13 23	38 2732
6650	9.2	7 39.75[10]	2.1529	0.0032	37 56 2.1	9.442	0.281	89.9 87.8	5 Beob.[10]	37 2727

[1] E.B. $-0^s.048$ $+0''.05$ (Porter) [2] Z. 25 34 689 691 696 697 698 [3] E.B. $+0^s.018$ $-0''.56$ (Porter)
[4] Z. 25 34 689 691 693 694 696 697 698; M 297 298 [5] *a* Gew. $\frac{1}{2}$ [6] E.B. $-0^s.005$ $+0''.33$ (Porter)
[7] Z. 242 244 691 696 697 698; M 102 103 176 178 179 181 [8] Z. 25 34 689 691 696 [9] Z. 25 34 689 693 694
[10] Z. 25 34[$39^s.29$] 689 693 694

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6651	6.5	16h 7m 43s.34	+2s.1040	+0s.0034	+39° 22' 39".9	−9".436	+0".275	85.7	11 Beob. [1]	39° 2961
6652	8.6	7 51.01	2.2342	0.0031	35 22 55.6	9.426	0.292	79.4	27 30	35 2790
6653	8.6	7 51.95	2.1147	0.0034	39 3 25.7	9.425	0.276	79.4	13 23	39 2962
6654	9.7	8 9.49	2.1378	0.0033	38 21 17.1	9.403	0.280	80.5	247 249	38 2733
6655	9.4	8 14.53	2.2244	0.0031	35 40 23.2	9.396	0.291	80.5	242 244	35 2791
6656	9.2	16 8 28.37	+2.1832	+0.0033	+36 57 21.2	−9.378	+0.285	80.0	31 240	37 2728
6657	8.3	8 28.85	2.0921	0.0035	39 40 15.4	9.378	0.273	90.6[2]	9 Beob. [3]	39 2963
6658	9.4	8 38.23	2.1265	0.0033	38 39 35.3	9.366	0.278	86.9	236 239 691 696	38 2735
6659	7.1	8 45.93	2.1353	0.0033	38 23 25.2	9.356	0.280	87.8	5 Beob. [4]	38 2736
6660	7.0	8 46.69	2.2281	0.0031	35 31 6.7	9.355	0.292	79.4	27 30	35 2793
6661	8.9	16 8 52.86	+2.0797	+0.0036	+40 0 0.7	−9.348	+0.273	86.4	13 23 691 696	40 2984
6662	8.4	8 59.22	2.2167	0.0032	35 52 9.9	9.339	0.290	80.0	31 240	35 2794
6663	8.3	10 5.39	2.2469	0.0031	34 49 49.7	9.253	0.295	79.4	27 30	34 2751
6664	9.0	10 11.76	2.1305	0.0033	38 26 24.0	9.245	0.280	87.8	5 Beob. [5]	38 2739
6665	9.0	10 15.03	2.1780	0.0033	37 0 14.0	9.241	0.286	80.0	31 240	37 2729
6666	9.4	16 10 22.79	+2.1380	+0.0033	+38 12 30.2	−9.231	+0.281	80.4	236 239	38 2741
6667	8.7	10 33.38	2.0875	0.0035	39 40 8.8	9.217	0.274	79.4	13 23	39 2965
6668	9.3	10 34.84	2.2384	0.0031	35 4 34.9	9.215	0.294	80.5	242 244	35 2797
6669	7.6	10 35.01	2.2399	0.0031	35 1 40.1	9.215	0.294	80.5	242 244	35 2798
6670	9.0	10 37.92	2.0793	0.0036	39 53 56.0	9.211	0.274	86.4	13 23 693 694	39 2967
6671	8.9	16 10 46.70	+2.2473	+0.0031	+34 46 36.3	−9.200	+0.295	79.4	27 30	34 2752
6672	8.6	10 51.77	2.2153	0.0032	35 47 57.1	9.193	0.291	81.4	412 413	35 2800
6673	8.2	11 6.24	2.2100	0.0032	35 57 11.1	9.174	0.290	80.0	31 240	36 2713
6674	7.5	11 18.11	2.1803	0.0033	36 52 0.0	9.159	0.287	80.5	247 249	36 2714
6675	8.1	11 21.11	2.2022	0.0032	36 10 57.4	9.155	0.290	81.4	415 417	36 2715
6676	9.2	16 11 23.37	+2.0847	+0.0036	+39 41 47.0	−9.152	+0.274	80.4	236 239	39 2969
6677	9.2	11 23.77	2.0988	0.0035	39 17 31.0	9.152	0.276	80.4	236 239	39 2968
6678	9.0	11 32.61	2.1104	0.0034	38 56 44.2	9.140	0.277	87.8	5 Beob. [6]	38 2745
6679	8.6	11 47.12	2.1945	0.0033	36 23 47.4	9.121	0.289	80.5	242 244	36 2717
6680	8.5	11 48.13	2.1187	0.0034	38 41 18.4	9.120	0.279	82.2 84.1	25 34 689[7]	38 2746
6681	8.4	16 12 0.96	+2.0709	+0.0036	+40 2 57.1	−9.103	+0.273	79.4	13 23	40 2994
6682	8.8	12 3.57	2.1684	0.0033	37 11 8.4	9.100	0.286	80.0	31 240	37 2731
6683	8.8	12 8.19	2.1626	0.0033	37 21 24.8	9.094	0.285	80.5	247 249	37 2732
6684	8.4	12 12.00	2.1800	0.0033	36 49 17.3	9.089	0.287	81.4	412 413	36 2718
6685	9.3	12 13.87	2.0804	0.0036	39 46 3.1	9.086	0.274	80.4	236 239	39 2970
6686	7.8	16 12 18.71	+2.1085	+0.0034	+38 57 14.6	−9.080	+0.278	81.4	415 417	38 2747
6687	9.0	12 21.55	2.2004	0.0032	36 10 41.6	9.076	0.290	81.4	412 413	36 2719
6688	9.1	12 33.80	2.1137	0.0034	38 47 12.4	9.060	0.279	81.4	415 417	38 2748
6689	8.3	12 35.82	2.2053	0.0032	36 0 31.1	9.058	0.291	80.5	242 244	36 2720
6690	8.6	12 39.16	2.2300	0.0031	35 13 23.2	9.054	0.294	79.4	27 30	35 2803
6691	9.1	16 12 50.53	+2.0952	+0.0035	+39 18 17.1	−9.039	+0.277	79.4	13 23	39 2971
6692	8.7	13 0.29	2.1678	0.0033	37 8 42.1	9.026	0.286	80.0	31 240	37 2733
6693	8.6	13 3.33	2.1650	0.0033	37 13 43.4	9.022	0.286	80.5	247 249	37 2734
6694	7.8	13 15.49	2.2042	0.0032	36 0 21.8	9.006	0.291	80.5	242 244	36 2722
6695	9.7	13 22.06[8]	2.0924	0.0035	39 21 13.2[8]	8.998	0.277	81.4	5 Beob. [8]	39 2974
6696	9.2	16 13 23.91	+2.0856	+0.0036	+39 32 43.2	−8.995	+0.276	80.4	236 239	39 2975
6697	9.1	13 24.88	2.1707	0.0033	37 1 54.8	8.994	0.287	80.5	247 249	37 2736
6698	7.0	13 26.03	2.2420	0.0032	34 47 26.0	8.992	0.296	79.4	27 30	34 2759
6699	8.6	13 26.20	2.1384	0.0034	38 0 16.2	8.992	0.283	81.4	415 417	38 2750
6700	8.8	13 27.63	2.1468	0.0034	37 45 15.2	8.990	0.284	84.0	25 34 689	37 2737

[1] Z. 691 696 697 698; M 112 113 176 178 179 180 181 [2] E.B. —0s.020 +0".26 (Porter)
[3] Z. 236 239 693 694 697 698; M 298 301 302 [4] Z. 25 34 689 693 694 [5] Z. 25 34 689 693 694
[6] Z. 25 34 689 693 694 [7] *a* Gew. ½ [8] Z. 412 [413(22s.78 16".2)] 417; M 180 181

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6701	8.7	16h 13m 42s.29	+2s.1266	+0s.0034	+38° 20′ 21″.9	−8″.971	+0″.281	87.8	5 Beob. [1]	38° 2751
6702	9.1	13 48.68	2.1967	0.0033	36 12 23.8	8.963	0.290	80.0	31 240	36 2723
6703	8.8	13 51.13	2.0951	0.0035	39 14 47.0	8.960	0.277	86.4	13 23 693 694	39 2976
6704	8.0	13 51.24	2.1181	0.0034	38 34 47.6	8.960	0.280	81.4	412 413	38 2752
6705	9.0	14 9.81	2.2149	0.0032	35 36 48.8	8.935	0.293	79.4	26 30	35 2804
6706	7.0	16 14 33.76	+2.1339	+0.0034	+38 4 12.0	−8.904	+0.283	80.4	236 239	38 2755
6707	8.7	14 40.55	2.1279	0.0034	38 14 26.7	8.895	0.282	87.8	5 Beob. [2]	38 2757
6708	9.0	14 46.07	2.1699	0.0033	36 58 36.3	8.888	0.287	79.7	27 30 31 240	37 2739
6709	9.1	14 46.14	2.1546	0.0033	37 26 26.8	8.888	0.286	80.5	242 244	37 2738
6710	8.0	14 50.55	2.0983	0.0035	39 5 44.8	8.882	0.278	79.4	13 23	39 2977
6711	5.6	16 15 38.09	+2.0644	+0.0037	+40 0 31.5	−8.820	+0.274	86.7[3]	19 Beob. [4]	40 3005
6712	9.1	15 45.30	2.1473	0.0034	37 35 56.6	8.811	0.285	84.1	25 34 689	37 2740
6713	6.6	15 48.30	2.1580	0.0034	37 16 33.0	8.807	0.287	80.0	31 240	37 2741
6714	8.9	15 55.64	2.2332	0.0032	34 55 40.1	8.797	0.296	80.5	242 244	34 2768
6715	9.3	16 19.76	2.2352	0.0032	34 50 34.6	8.765	0.297	79.4	27 30	34 2769
6716	8.9	16 16 36.00	+2.2318	+0.0032	+34 56 1.8	−8.744	+0.297	79.4	27 30	34 2771
6717	9.0	16 37.52	2.1336	0.0034	37 57 22.8	8.742	0.284	87.0	236 239 693 694	38 2761
6718	8.7	16 46.65	2.1915	0.0033	36 11 41.0	8.730	0.291	80.0	31 240	36 2728
6719	9.0	17 2.05	2.1472	0.0034	37 31 43.1	8.710	0.286	82.2 84.1	25 34 689[5]	37 2742
6720	9.3	17 6.58	2.0652	0.0037	39 53 58.4	8.704	0.275	79.4	13 23	39 2978
6721	9.0	16 17 12.94	+2.0885	+0.0036	+39 14 6.1	−8.695	+0.278	80.4	236 239	39 2979
6722	9.5	17 21.59	2.0646	0.0036	39 54 1.2	8.684	0.275	80.5	247 249	39 2980
6723	8.9	17 41.25	2.1782	0.0033	36 33 7.5	8.658	0.290	80.0	31 240	36 2733
6724	8.5	17 53.56	2.0754	0.0036	39 34 7.4	8.642	0.277	79.4	13 23	39 2982
6725	8.8	18 0.03	2.1280	0.0035	38 2 32.4	8.634	0.284	87.8	5 Beob. [6]	38 2763
6726	9.3	16 18 9.87	+2.0663	+0.0037	+39 48 18.0	−8.621	+0.275	80.4	236 239	39 2983
6727	9.0	18 34.54	2.1983	0.0033	35 52 49.0	8.588	0.293	80.0	6 Beob. [7]	35 2809
6728	6.8	18 42.57	2.1973	0.0033	35 54 15.3	8.577	0.293	86.4	27 30 693 694	35 2810
6729	8.5	18 54.92	2.0765	0.0036	39 28 27.5	8.561	0.278	80.4	236 239	39 2984
6730	9.3	19 18.54	2.0574	0.0037	39 59 12.7	8.530	0.275	79.4	13 23	40 3013
6731	7.8	16 19 35.72	+2.0943	+0.0036	+38 55 50.5	−8.507	+0.280	87.8	5 Beob. [8]	38 2768
6732	8.3[9]	19 42.55	2.1489	0.0034	37 19 30.0	8.498	0.288	80.0	31 240	37 2746
6733	7.9	19 53.94	2.0994	0.0036	38 45 59.3	8.483	0.281	80.5	247 249	38 2769
6734	9.4	19 57.44	2.1303	0.0035	37 51 42.4	8.479	0.286	87.8	5 Beob. [10]	37 2747
6735	8.8	19 58.43	2.0673	0.0037	39 40 18.7	8.477	0.277	79.4	13 23	39 2985
6736	8.4	16 20 2.61	+2.1816	+0.0033	+36 18 52.6	−8.472	+0.292	86.4	27 30 693 694	36 2735
6737	9.1	20 5.14	2.1651	0.0034	36 48 58.7	8.469	0.290	80.5	242 244	36 2736
6738	8.6	20 25.40	2.1097	0.0035	38 26 22.7	8.442	0.283	80.4	236 239	38 2770
6739	7.7	20 31.21	2.0649	0.0037	39 42 27.6	8.434	0.276	79.4	13 23	39 2989
6740	9.1	20 34.43	2.1847	0.0033	36 11 26.5	8.430	0.292	80.0	31 240	36 2738
6741	8.7	16 20 44.40	+2.1962	+0.0033	+35 49 28.5	−8.417	+0.294	79.4	27 30	35 2814
6742	6.0	20 57.01	2.1346	0.0035	37 40 46.7	8.400	0.286	84.3	14 Beob. [11]	37 2750
6743	8.5	21 0.76	2.1169	0.0035	38 11 47.8	8.395	0.284	80.5	247 249	38 2772
6744	9.1	21 17.31	2.0848	0.0036	39 6 13.5	8.373	0.280	80.4	236 239	39 2990
6745	9.1	21 22.25	2.0576	0.0037	39 51 54.4	8.366	0.276	81.4	412 413	39 2991
6746	9.3	16 21 39.74	+2.1005	+0.0036	+38 38 11.9	−8.343	+0.282	80.5	247 249	38 2773
6747	9.3	21 42.12	2.0755	0.0036	39 20 41.1	8.340	0.279	79.4	13 23	39 2992
6748	9.4	22 2.04	2.0559	0.0037	39 52 20.6	8.314	0.276	81.4	412 413	39 2994
6749	8.2	22 12.95	2.1197	0.0035	38 2 47.8	8.299	0.285	84.1	25 34 689	38 2775
6750	9.5	22 14.95	2.0624	0.0037	39 40 59.7	8.297	0.277	84.7	236 239 694	39 2995

[1] Z. 25 34 689 693 694 [2] Z. 25 34 689 693 694 [3] E.B. −0s.012 0″.00
[4] Z. 13 23 247 249 691 693 694 696 697 698; M 112 113 178 179 180 181 297 298 301 [5] *a* Gew. ½
[6] Z. 25 34 689 693 694 [7] Z. 27 30 31 240 242 244 [8] Z. 25 34 689 693 694 [9] Dpl. aeq. austr. seq.
[10] Z. 25 34 689 691 696 [11] Z. 25 34 689 691 693 694; M 99 100 112 113 178 179 180 181

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6751	9.2	16h 22m 29s.49	+2s.1371	+0s.0035	+37° 31′ 12″.3	−8″.277	+0″.288	79.4	27 30	37° 2752
6752	9.5	22 33.21	2.1406	0.0035	37 24 51.4	8.272	0.288	84.5	31 240 691	37 2753
6753	7.2	22 41.28	2.0814	0.0036	39 7 25.5	8.262	0.280	79.4	13 23	39 2996
6754	8.8	22 50.39	2.1073	0.0036	38 22 20.3	8.249	0.284	84.0	25 34 689	38 2778
6755	9.4	22 53.15	2.1112	0.0036	38 15 30.4	8.246	0.284	93.4	693 694	38 2779
6756	9.4	16 22 57.24	+2.1391	+0.0035	+37 26 12.8	−8.240	+0.288	80.0	31 240	37 2754
6757	9.3	23 17.45	2.1074	0.0036	38 20 45.9	8.213	0.284	80.5	247 249	38 2781
6758	9.3	23 29.52	2.2129	0.0033	35 9 18.3	8.197	0.298	79.4	27 30 M 12	35 2818
6759	8.9	24 6.87	2.2046	0.0033	35 23 1.7	8.148	0.297	86.4	27 30 693 694	35 2820
6760	7.9	24 17.16	2.0449	0.0037	40 3 10.2	8.134	0.276	79.4	13 23	40 3020
6761	9.2	16 24 17.44	+2.1138	+0.0036	+38 6 22.8	−8.134	+0.285	80.5	247 249	38 2782
6762	8.7	24 19.78	2.0698	0.0037	39 21 32.2	8.130	0.279	80.4	236 239	39 2999
6763	9.2	24 22.01	2.0742	0.0037	39 14 1.5	8.127	0.280	80.4	236 239	39 3000
6764	9.3	24 28.66	2.1333	0.0036	37 31 33.7	8.119	0.288	89.9	34 689 693 694	37 2757
6765	7.5	24 38.52	2.1867	0.0033	35 54 33.4	8.105	0.295	79.4	27 30	35 2822
6766	9.1	16 24 40.69	+2.0694	+0.0037	+39 21 12.1	−8.102	+0.280	79.4	13 23	39 3001
6767	9.0	24 57.39	2.0809	0.0036	39 0 46.1	8.080	0.281	84.0	25 34 689	39 3002
6768	8.8	25 9.56	2.1396	0.0035	37 18 15.1	8.064	0.289	80.0	31 240	37 2759
6769	7.5	25 10.24	2.1998	0.0034	35 28 32.3	8.063	0.297	80.5	242 244	35 2823
6770	8.4	25 28.69	2.2127	0.0034	35 3 33.0	8.038	0.299	80.5	242 244	35 2824
6771	9.3	16 25 32.69	+2.2003	+0.0034	+35 26 35.9	−8.033	+0.297	79.4	27 30	35 2825
6772	9.5	25 49.96	2.0884	0.0036	38 45 14.9	8.011	0.283	92.7	7 Beob. [1]	38 2785
6773	9.2	25 50.58	2.0483	0.0038	39 52 26.4	8.009	0.277	79.4	13 23	39 3003
6774	9.4	26 6.79	2.1168	0.0036	37 55 21.0	7.988	0.286	86.5 87.4	25 34[2] 689 696	37 2761
6775	7.9	26 8.61	2.0926	0.0036	38 37 0.4	7.985	0.284	81.4	412 413	38 2787
6776	8.4	16 26 18.30	+2.1208	+0.0035	+37 47 53.2	−7.972	+0.287	84.8	247 249 691	37 2762
6777	6.6	26 27.90	2.1971	0.0034	35 29 44.3	7.959	0.298	80.0	31 240	35 2828
6778	8.0[3]	26 32.83	2.1018	0.0036	38 19 59.8	7.953	0.285	81.4	412 413	38 2788
6779	9.0	26 38.72	2.1286	0.0035	37 32 57.4	7.946	0.288	87.8	5 Beob. [4]	37 2764
6780	9.5	26 53.88	2.1590	0.0034	36 38 7.7	7.926	0.293	86.7	31 240 693 694	36 2745
6781	9.1	16 27 20.36	+2.0545	+0.0037	+39 37 31.6	−7.889	+0.279	80.4	236 239	39 3008
6782	9.2	27 30.54	2.0596	0.0037	39 28 25.7	7.875	0.280	80.5	247 249	39 3009
6783	9.2	27 31.03	2.2085	0.0034	35 5 7.8	7.875	0.300	79.4	27 30	35 2830
6784	8.3[5]	27 37.13	2.0719	0.0037	39 7 30.7	7.866	0.282	81.7	7 Beob. [6]	39 3010
6785	9.3	28 3.18	2.1304	0.0035	37 25 32.1	7.832	0.289	86.7	31 240 693 694	37 2766
6786	7.5	16 28 16.53	+2.1991	+0.0034	+35 20 31.8	−7.814	+0.299	79.4	27 30	35 2832
6787	8.2	28 44.69	2.1533	0.0035	36 42 44.9	7.776	0.293	80.0	31 240	36 2747
6788	9.1	28 45.25	2.1197	0.0036	37 42 0.1	7.775	0.288	89.9	34 689 693 694	37 2768
6789	8.6	28 49.31	2.0976	0.0036	38 20 5.8	7.770	0.285	81.4	412 413	38 2791
6790	8.9	28 58.38	2.0673	0.0037	39 11 3.9	7.757	0.282	79.4	13 23	39 3011
6791	9.2	16 29 10.73	+2.1128	+0.0036	+37 52 48.1	−7.741	+0.287	80.5	247 249	37 2769
6792	9.3	29 12.33	2.0890	0.0036	38 33 43.3	7.739	0.285	81.4	415 417	38 2792
6793	8.9	29 14.44	2.0992	0.0036	38 16 6.2	7.736	0.286	81.4	412 413	38 2793
6794	8.8	29 15.44	2.0610	0.0037	39 20 42.1	7.734	0.281	80.4	236 239	39 3012
6795	9.5	29 17.10	2.0900	0.0036	38 31 39.4	7.732	0.285	87.4	415 417 691 696	38 2794
6796	8.7	16 29 17.15	+2.1602	+0.0034	+36 28 38.3	−7.732	+0.294	80.5	242 244	36 2749
6797	6.8	29 19.93	2.0962	0.0036	38 21 1.1	7.728	0.286	81.4	M 180 181	38 2795
6798	9.4	29 33.83[7]	2.2104	0.0034	34 55 40.5	7.711	0.301	91.0 87.8	5 Beob. [7]	34 2811
6799	7.8	29 35.25	2.1833	0.0034	35 45 39.2	7.708	0.297	86.4	27 30 693 694	35 2834
6800	9.1	30 5.60	2.1525	0.0035	36 40 1.3	7.667	0.293	80.0	31 240	36 2750

[1] Z. 239 693 694; M 332 333; R(2)   [2] δ Gew. ½   [3] Obl.   [4] Z. 25 34 689 693 694
[5] BD 9.0   [6] Z. 13 23 25 34 236 239 689   [7] Z. 27 [33s.23] 30 691 697 698

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6801	7.8	16h 30m 9s.26	+2s.0654	+0s.0037	+39° 10' 33".5	−7".662	+0".282	79.4	13 23	39° 3014
6802	8.1	30 12.56	2.0979	0.0036	38 15 21.0	7.658	0.286	79.5	25 34	38 2798
6803	8.9	30 40.63	2.1800	0.0034	35 48 29.5	7.620	0.297	79.4	27 30	35 2837
6804	9.4	30 42.25	2.1294	0.0035	37 19 16.3	7.617	0.290	87.5	412 413 697 698	37 2770
6805	9.0	30 47.24	2.1196	0.0036	37 36 10.2	7.611	0.289	89.5	10 Beob. [1]	37 2771
6806	8.9	16 30 47.67	+2.0941	+0.0036	+38 20 9.0	−7.610	+0.286	81.4	415 417	38 2800
6807	8.0	30 48.66	2.1306	0.0035	37 16 39.2	7.609	0.291	80.0	31 240	37 2772
6808	8.6	30 51.25	2.0619	0.0037	39 14 19.0	7.605	0.282	80.4	236 239	39 3016
6809	9.4	30 55.90	2.1289	0.0035	37 19 21.6	7.599	0.291	81.4	412 413	37 2773
6810	8.6	30 57.94	2.1341	0.0035	37 10 7.4	7.596	0.291	80.5	247 249	37 2774
6811	8.5	16 31 5.02	+2.1043	+0.0036	+38 1 44.0	−7.587	+0.287	80.5	245 253	38 2801
6812	9.0	31 9.58	2.1581	0.0035	36 26 50.9	7.581	0.294	80.5	242 244	36 2753
6813	8.5	31 21.42	2.1619	0.0034	36 19 19.2	7.565	0.295	80.5	242 244	36 2754
6814	9.3	31 24.69	2.0799	0.0037	38 42 26.4	7.560	0.285	80.5	247 249	38 2802
6815	8.6	31 34.93	2.0402	0.0038	39 47 57.8	7.546	0.279	80.4	236 239	39 3017
6816	8.5	16 31 35.11	+2.0967	+0.0036	+38 13 24.0	−7.546	+0.287	80.0	33 251	38 2803
6817	6.9	32 1.28	2.1618	0.0034	36 17 42.5	7.511	0.295	79.4	27 30	36 2756
6818	9.1	32 26.65	2.1318	0.0035	37 9 52.3	7.476	0.292	80.0	31 240	37 2777
6819	8.3	32 36.18	2.0637	0.0037	39 6 6.7	7.463	0.283	80.4	236 239	39 3019
6820	9.2	32 40.77	2.0705	0.0037	38 54 33.2	7.457	0.284	80.5	245 253	38 2806
6821	8.6	16 32 50.46	+2.0961	+0.0036	+38 10 41.2	−7.444	+0.287	80.5	245 253	38 2807
6822	7.5	33 2.40	2.1109	0.0036	37 44 34.0	7.428	0.289	80.0	33 251	37 2778
6823	9.0	33 13.73	2.1169	0.0036	37 33 37.6	7.413	0.290	80.0	31 240	37 2779
6824	9.4	33 26.29	2.1966	0.0034	35 10 8.9	7.396	0.301	79.4	27 30	35 2842
6825	8.5	33 45.36	2.1219	0.0035	37 23 28.0	7.370	0.291	80.0	31 240	37 2782
6826	7.1	16 33 49.72	+2.0351	+0.0038	+39 49 43.8	−7.364	+0.280	80.5	245 253	39 3021
6827	9.1	33 50.08	2.1859	0.0034	35 28 39.3	7.363	0.299	79.4	27 30	35 2844
6828	8.3	34 6.41	2.1193	0.0035	37 26 59.5	7.341	0.291	80.5	247 249	37 2784
6829	8.1	34 7.12	2.1636	0.0034	36 8 26.7	7.340	0.297	81.4	412 413	36 2761
6830	9.4	34 11.70	2.1715	0.0034	35 53 58.0	7.334	0.298	89.2	244 697 698	35 2846
6831	8.9	16 34 13.79	+2.0589	+0.0037	+39 9 27.2	−7.331	+0.283	80.4	236 239	39 3022
6832	8.6	34 15.40	2.0797	0.0037	38 34 29.1	7.329	0.286	80.0	33 251	38 2810
6833	8.0	34 48.27	2.1745	0.0034	35 46 46.4	7.284	0.299	81.4	412 413	35 2847
6834	8.1	34 49.03	2.0781	0.0037	38 35 30.4	7.283	0.286	80.5	245 253	38 2811
6835	7.8	35 2.61	2.1893	0.0034	35 19 7.2	7.265	0.300	80.5	242 244	35 2848
6836	8.5	16 35 7.16	+2.1419	+0.0035	+36 44 14.3	−7.259	+0.294	80.0	31 240	36 2764
6837	7.6	35 12.26	2.2036	0.0034	34 52 13.8	7.252	0.302	79.4	27 30	34 2824
6838	8.0	35 13.12	2.1745	0.0035	35 45 35.9	7.251	0.299	81.4	412 413	35 2849
6839	8.3	35 25.06	2.0824	0.0036	38 26 39.0	7.234	0.286	80.5	247 249	38 2813
6840	8.5	35 33.04	2.1063	0.0036	37 45 41.1	7.223	0.290	80.0	33 251	37 2786
6841	9.2	16 35 38.37	+2.0670	+0.0037	+38 51 52.6	−7.216	+0.285	80.5	245 253	38 2814
6842	9.4	35 42.50	2.0325	0.0038	39 48 33.5	7.211	0.280	80.4	236 239	39 3024
6843	9.4	35 50.38	2.0251	0.0038	40 0 10.2	7.200	0.279	80.4	236 239	40 3047
6844	7.6	35 51.37	2.1113	0.0036	37 35 58.8	7.199	0.290	80.0	33 251	37 2787
6845	9.5	35 53.40	2.1970	0.0034	35 2 37.7	7.196	0.302	79.4	27 30	35 2850
6846	8.6	16 35 57.69	+2.1222	+0.0035	+37 16 44.8	−7.190	+0.292	80.0	31 240	37 2788
6847	9.3	35 59.03	2.0825	0.0036	38 24 53.3	7.188	0.287	80.5	247 249	38 2815
6848	8.8	36 5.71	2.1680	0.0035	35 55 0.5	7.179	0.298	80.5	242 244	35 2851
6849	9.0	36 32.24	2.1931	0.0034	35 8 9.9	7.143	0.302	80.5	242 244	35 2852
6850	7.4	36 35.36	2.1497	0.0035	36 26 36.5	7.139	0.296	80.5	247 249	36 2767

[1] Z. 33 251 693 694 697 698; M 107 296 298 301

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6851	9.2	16h 36m 43s.79	+2s.1231	+0s.0035	+37° 13′ 3″.9	−7″.127	+0″.292	88.8	31 697 698	37° 2790
6852	9.3	36 45.66	2.0615	0.0037	38 57 49.4	7.125	0.284	80.0	33 251	39 3026
6853	7.9	37 4.49	2.2022	0.0034	34 49 49.2	7.099	0.303	86.5	27 30 697 698	34 2826
6854	9.0	37 25.56	2.0265	0.0038	39 53 25.5	7.070	0.280	80.4	236 239	39 3027
6855	8.6	37 29.35	2.1876	0.0034	35 15 42.9	7.065	0.302	80.5	242 244	35 2855
6856	8.6	16 37 43.40	+2.1925	+0.0034	+35 5 59.9	−7.046	+0.302	79.4	27 30	35 2856
6857	9.4	37 43.87	2.1517	0.0035	36 19 53.8	7.045	0.297	80.0	31 240	36 2771
6858	9.2	37 49.23	2.0902	0.0036	38 6 48.1	7.038	0.289	80.5	245 253	38 2819
6859	9.2	38 12.23	2.0818	0.0036	38 19 49.2	7.006	0.288	80.0	33 251	38 2820
6860	9.2	38 28.13	2.0664	0.0037	38 45 2.0	6.985	0.286	80.4	236 239	38 2822
6861	9.2	16 38 30.84	+2.1931	+0.0034	+35 2 40.7	−6.981	+0.303	79.4	27 30	35 2859
6862	**3.1**	**38 36.70**	**2.0513**	**0.0037**	**39 9 40.0**	**6.973**	**0.284**		**Fund. Cat.**	**39 3029**
6863	6.6	38 36.86	2.1364	0.0035	36 44 42.8	6.973	0.295	80.5	242 244	36 2772
6864	7.9	38 50.82	2.1174	0.0035	37 17 6.4	6.954	0.293	80.0	31 240	37 2792
6865	8.8	39 12.12	2.1399	0.0035	36 36 52.4	6.925	0.296	80.5	242 244	36 2773
6866	8.8	16 39 41.60	+2.0657	+0.0037	+38 42 47.6	−6.884	+0.286	80.5	245 253	38 2827
6867	9.2	40 1.63	2.1044	0.0036	37 36 30.1	6.857	0.292	80.0	31 240	37 2794
6868	8.7	40 4.02	2.1429	0.0035	36 29 19.1	6.853	0.297	80.5	247 249	36 2775
6869	8.4[1]	40 17.12	2.1601	0.0035	35 58 3.6	6.836	0.299	86.5	27 30 697 698	35 2864
6870	8.6	40 18.74	2.1586	0.0035	36 0 44.4	6.833	0.299	80.5	242 244	36 2776
6871	9.2	16 40 22.44	+2.0406	+0.0037	+39 22 26.4	−6.828	+0.283	80.4	236 239	39 3036
6872	7.9	40 22.63	2.0596	0.0037	38 51 11.2	6.828	0.286	80.0	33 251	38 2828
6873	8.9	40 45.05	2.0560	0.0037	38 56 16.9	6.797	0.285	80.0	33 251	38 2830
6874	9.3	40 59.55	2.0896	0.0036	37 59 12.5	6.777	0.290	81.4	412 413	38 2832
6875	8.8	41 3.37	2.0686	0.0037	38 34 31.0	6.772	0.287	81.4	412 413	38 2833
6876	8.7	16 41 14.48	+2.1129	+0.0035	+37 18 42.8	−6.757	+0.293	80.0	31 240	37 2796
6877	7.8	41 16.96	2.0304	0.0038	39 36 40.4	6.753	0.282	80.4	236 239	39 3037
6878	7.3[2]	41 17.24	2.1624	0.0035	35 51 27.9	6.753	0.300	79.4	27 30	35 2867
6879	8.1	41 22.45	2.0388	0.0037	39 22 44.0	6.746	0.283	80.4	236 239	39 3038
6880	8.6	41 26.98	2.1241	0.0035	36 58 43.3	6.740	0.294	80.5	247 249	37 2797
6881	9.2	16 41 29.02	+2.0440	+0.0037	+39 13 55.9	−6.737	+0.284	80.5	245 253	39 3039
6882	8.0	41 48.47	2.1257	0.0035	36 55 4.1	6.710	0.295	79.4	27 30	36 2779
6883	8.6	41 49.10	2.1027	0.0036	37 34 34.6	6.709	0.292	80.0	33 251	37 2799
6884	9.2	41 58.16	2.1499	0.0035	36 12 5.7	6.697	0.298	80.5	242 244	36 2780
6885	9.5	42 6.98	2.1228	0.0035	36 59 12.9	6.685	0.294	91.1 91.6	9 Beob.[3]	37 2800
6886	9.5	16 42 8.20	+2.1149	+0.0035	+37 12 57.0	−6.683	+0.294	80.5	247 249	37 2801
6887	9.0	42 10.84	2.0368	0.0037	39 23 55.3	6.679	0.283	80.4	236 239	39 3040
6888	8.5	42 33.29	2.0381	0.0037	39 20 43.2	6.648	0.283	80.5	245 253	39 3042
6889	8.4	42 35.13	2.0388	0.0037	39 19 41.4	6.646	0.284	80.5	245 253	39 3043
6890	7.2	43 15.84	2.0934	0.0036	37 46 58.0	6.590	0.291	79.7	27 30 31 240	37 2802
6891	7.5	16 43 21.71	+2.0251	+0.0038	+39 40 6.7	−6.582	+0.282	80.4	236 239	39 3044
6892	9.2	43 40.86	2.0698	0.0036	38 25 36.9	6.555	0.288	80.0	33 251	38 2840
6893	8.5	43 48.99	2.1196	0.0035	37 0 40.1	6.544	0.295	86.5	31 240 697 698	37 2803
6894	9.4	43 51.23	2.1831	0.0034	35 7 37.3	6.541	0.304	79.4	27 30	35 2869
6895	8.2	44 11.96	2.1109	0.0035	37 14 38.5	6.513	0.294	91.1[4]	11 Beob.[5]	37 2804
6896	7.8[6]	16 44 12.83	+2.1487	+0.0035	+36 8 29.2	−6.511	+0.299	80.5	242 244	36 2783
6897	9.1	44 13.40	2.0891	0.0036	37 51 48.6	6.511	0.291	80.0	33 251	37 2805
6898	9.2	44 19.11	2.0985	0.0036	37 35 37.7	6.503	0.292	81.4	412 413	37 2806
6899	9.3	44 24.44	2.0764	0.0036	38 12 47.6	6.495	0.289	80.5	245 253	38 2841
6900	6.8	44 31.46	2.1807	0.0034	35 10 24.6	6.486	0.304	79.4	27 30	35 2870

[1] Dpl. 2″ [2] Dpl. 7″ [3] Z. 31 240 697 698; M 332 333; R(2a, 3δ) [4] E. B. 0s.000 −0″.39 (Porter)
[5] Z. 247 249 694 697 698; M 298 301 302 303 304 305 [6] Dpl. austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6901	9.5	16^h 44^m $38^s.59$[1]	$+2^s.1174$	$+0^s.0035$	+37° 2' 4".7	−6".477	+0".295	91.7 89.6	6 Beob.[1]	37° 2809
6902	8.4	44 40.24	2.1449	0.0035	36 14 4.6	6.473	0.299	80.5	242 244	36 2784
6903	9.1	44 42.53	2.0460	0.0037	39 2 27.2	6.470	0.285	80.4	236 239	39 3047
6904	9.1	44 50.05	2.1302	0.0035	36 39 32.8	6.460	0.297	80.5	247 249	36 2785
6905	9.1	45 13.44	2.0537	0.0037	38 48 28.3	6.428	0.286	80.0	33 251	38 2842
6906	8.6	16 45 28.07	+2.0294	+0.0037	+39 27 35.3	−6.407	+0.283	80.4	236 239	39 3049
6907	8.4	45 33.03	2.0533	0.0037	38 48 17.9	6.401	0.286	80.5	245 253	38 2843
6908	8.0	45 38.24	2.1429	0.0035	36 15 20.1	6.393	0.299	80.5	242 244	36 2787
6909	9.1	45 43.27	2.0570	0.0037	38 41 54.2	6.386	0.287	80.5	245 253	38 2844
6910	8.9	46 10.57	2.1494	0.0034	36 2 36.4	6.349	0.300	79.4	27 30	36 2788
6911	9.3	16 46 13.04	+2.0812	+0.0036	+38 0 15.4	−6.345	+0.291	80.5	247 249	38 2846
6912	8.7	46 17.37	2.1414	0.0035	36 16 25.9	6.339	0.299	80.0	31 240	36 2789
6913	8.5	46 26.44	2.0966	0.0036	37 33 39.1	6.327	0.293	86.3	33 251 697 698	37 2810
6914	9.0	46 35.28	2.0679	0.0036	38 21 39.7	6.315	0.289	81.4	413 415	38 2847
6915	9.1	46 43.59	2.0356	0.0037	39 14 28.2	6.303	0.284	80.4	236 239	39 3053
6916	9.2	16 47 1.36	+2.1577	+0.0034	+35 45 52.3	−6.278	+0.302	79.4	27 30	35 2877
6917	7.7	47 2.58	2.0743	0.0036	38 9 48.8	6.277	0.290	80.0	33 251	38 2848
6918	9.1	47 4.99	2.1280	0.0035	36 37 59.4	6.273	0.297	87.0	242 244 697 698	36 2790
6919	9.0	47 15.18	2.1091	0.0035	37 10 22.3	6.259	0.295	86.7	31 240 697 698	37 2814
6920	8.4	47 16.69	2.0536	0.0037	38 43 40.8	6.257	0.287	80.5	245 253	38 2850
6921	7.5	16 47 41.23	+2.1590	+0.0034	+35 41 54.9	−6.223	+0.303	80.5	242 244	35 2878
6922	8.7	47 55.69	2.0373	0.0037	39 8 43.8	6.203	0.285	80.4	236 239	39 3055
6923	8.8	48 1.89	2.0622	0.0036	38 27 42.3	6.194	0.288	80.5	245 253	38 2852
6924	9.3	48 7.45	2.0461	0.0037	38 53 58.2	6.187	0.286	80.5	247 249	38 2853
6925	8.7	48 19.26	2.1184	0.0035	36 51 47.6	6.170	0.296	80.0	31 240	36 2793
6926	9.5	16 48 21.69	+2.1544	+0.0034	+35 48 31.6	−6.167	+0.302	87.5	412 413 697 698	35 2880
6927	7.9	48 24.59	2.0944	0.0036	37 32 44.1	6.163	0.293	80.0	33 251	37 2816
6928	8.3	48 28.77	2.1777	0.0034	35 6 35.6	6.157	0.305	80.5	242 244	35 2881
6929	7.9	48 36.57	2.1844	0.0034	34 54 10.3	6.146	0.306	79.4	27 30	34 2862
6930	9.1	48 48.50	2.0111	0.0038	39 48 46.1	6.130	0.282	80.4	236 239	39 3057
6931	8.4	16 49 17.12	+2.0520	+0.0037	+38 41 26.3	−6.090	+0.287	80.0	33 251	38 2856
6932	8.6	49 23.62	2.1397	0.0034	36 12 17.7	6.081	0.300	80.4	27 30 412 413	36 2795
6933	9.3	49 25.60	2.1095	0.0035	37 4 29.1	6.078	0.296	86.7	31 240 697 698	37 2819
6934	9.4	49 26.36	2.1133	0.0035	36 57 59.9	6.077	0.296	80.5	247 249	37 2818
6935	9.3	49 41.80	2.1391	0.0034	36 12 37.7	6.056	0.300	80.5	247 249	36 2796
6936	8.3	16 49 46.41	+2.1687	+0.0034	+35 19 55.2	−6.049	+0.304	87.0	242 244 693 694	35 2882
6937	9.0	49 55.73	2.0742	0.0036	38 3 16.9	6.036	0.291	80.4	236 239	38 2857
6938	8.0	50 1.45	2.1773	0.0034	35 3 46.8	6.028	0.306	79.4	27 30	35 2883
6939	8.0	50 3.66	2.1154	0.0035	36 53 1.9	6.026	0.297	80.0	31 240	36 2797
6940	9.3	50 9.85	2.1639	0.0034	35 27 31.8	6.017	0.304	80.5	242 244	35 2884
6941	8.7	16 50 27.17	+2.0431	+0.0037	+38 53 28.6	−5.993	+0.287	80.5	245 253	38 2859
6942	9.5	50 37.91	2.1245	0.0035	36 36 0.4	5.978	0.298	91.0	8 Beob.[2]	36 2799
6943	7.9	50 39.33	2.0922	0.0036	37 31 19.3	5.976	0.294	80.0	33 251	37 2821
6944	7.8	51 12.14	1.9984	0.0038	40 3 22.1	5.930	0.281	80.0	33 251	40 3074
6945	8.8	51 12.87	2.1103	0.0035	36 59 11.2	5.929	0.296	80.0	31 240	37 2823
6946	8.5	16 51 43.97	+2.0584	+0.0036	+38 25 28.8	−5.886	+0.289	87.0	236 239 697 698	38 2861
6947	8.7	51 54.89	2.0525	0.0036	38 34 40.0	5.870	0.288	86.7	33 251 693 694	38 2862
6948	8.5	52 2.68	2.0692	0.0036	38 6 50.2	5.860	0.291	80.5	245 253	38 2863
6949	9.5	52 36.72	2.1711	0.0034	35 9 20.3	5.813	0.306	86.4	27 30 697 698	35 2890
6950	7.8	52 40.43	2.1601	0.0034	35 28 54.3	5.807	0.304	80.0	31 240	35 2891

[1] Z. 31 [$37^s.81$] 240 697 698; M 332 333 [2] Z. 27 30 697 698; M 332 333; R (2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6951	8.8	16h 52m 41s.26	+2s.1110	+0s.0035	+36° 54′ 38″.5	−5″.806	+0″.297	80.0	31 240	36° 2802
6952	9.2	52 45.98	2.1192	0.0035	36 40 23.3	5.799	0.298	80.5	242 244	36 2803
6953	8.3	53 1.03	2.0581	0.0036	38 23 1.9	5.778	0.290	80.0	33 251	38 2865
6954	8.9	53 27.14	2.0608	0.0036	38 17 41.3	5.742	0.290	80.5	247 249	38 2866
6955	8.7	53 30.08	2.0007	0.0038	39 54 33.8	5.737	0.282	80.4	236 239	39 3061
6956	9.3	16 53 35.55	+2.1670	+0.0034	+35 14 35.8[1]	−5.731	+0.306	91.7 91.5	8 Beob. [1]	35 2892
6957	7.5	53 43.06	2.1780	0.0034	34 54 37.8	5.719	0.307	79.4	27 30	34 2874
6958	9.1	54 4.15	2.0456	0.0036	38 41 18.2	5.690	0.288	80.5	247 249	38 2868
6959	8.0	54 9.59	2.0786	0.0035	37 46 30.9	5.682	0.293	80.0	33 251	37 2825
6960	8.1	54 12.40	1.9999	0.0038	39 54 17.6	5.678	0.282	80.4	236 239	39 3062
6961	9.4	16 54 14.78	+2.1366	+0.0034	+36 7 2.7	−5.675	+0.301	80.0	31 240	36 2807
6962	8.3	54 18.64	2.0644	0.0036	38 9 46.8	5.670	0.291	81.4	412 413	38 2869
6963	9.2	54 31.81	2.0106	0.0037	39 36 38.4	5.651	0.284	89.1	253 693 694	39 3063
6964	9.3	54 38.48	2.0059	0.0037	39 43 53.5	5.642	0.283	93.5	697 698	39 3064
6965	8.2	54 46.75	2.1720	0.0034	35 3 12.9	5.630	0.307	87.0	242 244; M 301 302	35 2894
6966	9.4	16 54 49.79	+2.0007	+0.0038	+39 51 47.6	−5.626	+0.282	94.5	697 698; M 332 333	39 3066
6967	9.4	54 51.09	2.0238	0.0037	39 14 50.5	5.624	0.286	80.5	245 253	39 3067
6968	8.6	54 59.80	2.1444	0.0034	35 51 44.0	5.612	0.303	88.7	27 693 694	35 2895
6969	8.0	55 8.97	2.0495	0.0036	38 32 38.9	5.599	0.289	80.0	33 251	38 2871
6970	9.1	55 11.02	2.1387	0.0034	36 1 25.4	5.596	0.302	81.4	412 413	36 2808
6971	7.7	16 55 23.68	+2.1007	+0.0035	+37 6 28.9	−5.579	+0.297	80.0	31 240	37 2826
6972	9.3	55 29.16	1.9931	0.0037	40 2 12.0	5.571	0.282	80.4	236 239	40 3084
6973	8.1	55 31.01	2.0674	0.0035	38 2 15.1	5.568	0.292	80.5	247 249	38 2872
6974	6.8	55 53.14	2.0211	0.0037	39 16 58.7	5.537	0.286	80.0	33 251	39 3069
6975	8.0	56 9.26	2.1607	0.0034	35 20 27.6	5.515	0.305	79.4	27 30	35 2898
6976	8.3	16 56 10.90	+2.1703	+0.0033	+35 3 14.9	−5.512	+0.307	80.0	31 240	35 2899
6977	9.2	56 11.17	2.1534	0.0034	35 33 20.7	5.512	0.304	80.5	242 244	35 2900
6978	7.1	56 18.08	2.0276	0.0036	39 5 40.6	5.502	0.287	80.5	245 253	39 3071
6979	8.5	56 25.90	2.1498	0.0034	35 39 22.3	5.491	0.304	80.5	242 244	35 2901
6980	9.3	56 34.74	1.9921	0.0037	40 1 36.2	5.479	0.282	80.4	236 239	40 3088
6981	8.7	16 56 40.59	+2.1471	+0.0034	+35 43 30.8	−5.471	+0.304	81.4	412 413	35 2902
6982	8.2	56 43.60	2.0033	0.0037	39 43 37.1	5.467	0.283	80.5	245 253	39 3072
6983	7.5	56 46.17	2.1266	0.0034	36 19 10.0	5.463	0.301	81.4	412 413	36 2813
6984	8.9	56 46.56	2.0768	0.0035	37 44 6.2	5.462	0.294	80.0	33 251	37 2829
6985	8.9	56 51.22	2.0942	0.0035	37 14 30.4	5.456	0.296	80.0	31 240	37 2830
6986	9.5	16 56 53.84[2]	+2.1547	+0.0034	+35 29 42.4	−5.453	+0.305	92.5 91.0	8 Beob. [2]	35 2903
6987	9.3	57 2.72	2.0919	0.0035	37 18 0.1	5.440	0.296	80.5	247 249	37 2832
6988	7.8	57 8.28	2.1466	0.0034	35 43 31.5	5.432	0.304	80.5	242 244	35 2904
6989	8.9	57 14.28	2.1315	0.0034	36 9 48.5	5.424	0.302	81.4	412 413	36 2814
6990	9.2	57 23.91	2.0229	0.0036	39 10 58.2	5.410	0.286	80.5	245 253	39 3073
6991	8.2	16 57 39.47	+2.0963	+0.0034	+37 9 21.4	−5.388	+0.297	80.0	31 240	37 2835
6992	7.8	57 41.59	1.9955	0.0037	39 53 51.6	5.385	0.282	80.4	236 239	39 3074
6993	7.4	58 4.69	2.1375	0.0034	35 57 40.9	5.353	0.303	79.4	27 30	35 2905
6994	9.2	58 25.14	1.9989	0.0037	39 47 4.8	5.324	0.283	80.4	236 239	39 3075
6995	8.9	58 25.88	2.0760	0.0035	37 42 3.6	5.323	0.294	80.0	33 251	37 2837
6996	8.6	16 58 27.45	+2.1560	+0.0033	+35 24 23.1	−5.321	+0.306	80.5	242 244	35 2908
6997	8.4	58 37.11	2.0328	0.0036	38 52 32.3	5.307	0.288	80.5	247 249	38 2876
6998	8.7	58 56.46	2.0664	0.0035	37 56 49.9	5.280	0.293	80.2	33 239 251	37 2838
6999	6.2	59 0.93	2.1491	0.0034	35 35 31.1	5.274	0.305	80.5	242 244	35 2911
7000	9.4	59 11.23	2.1645	0.0034	36 52 22.3	5.259	0.299	86.6 87.5	412 413 697 698[3]	36 2820

[1] Z. 27 693 694 697 698 [28″.0]; M 298 301 302 [2] Z. 27 30 [53s.20] 697 698 [54s.36]; M 332 333; R(2)
[3] a Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7001	8.7	16^h 59^m $13^s.56$	$+2^s.1310$	$+0^s.0034$	$+36°$ 6′ 37″.4	$-5^s.256$	$+0^s.302$	80.0	31 240	36° 2821
7002	6.3	59 22.71	2.1698	0.0033	34 57 57.0	5.243	0.308	79.4	27 30	34 2890
7003	9.1	59 29.15	2.0359	0.0036	38 45 43.3	5.234	0.289	80.5	245 253	38 2877
7004	9.2	59 34.48	2.0673	0.0035	37 54 13.1	5.226	0.293	80.5	247 249	37 2839
7005	9.2	59 38.60	2.0641	0.0035	37 59 19.9	5.221	0.293	80.5	236 245 253	38 2878
7006	8.5	16 59 52.50	+2.0494	+0.0035	+38 23 8.2	−5.201	+0.291	80.0	33 251	38 2879
7007	7.2	59 52.55	2.1018	0.0034	36 55 38.9	5.201	0.298	80.0	31 240	36 2823
7008	9.4	17 0 13.23	2.1671	0.0033	35 1 8.3	5.172	0.308	79.4	27 30	35 2912
7009	9.1	0 58.07	2.0400	0.0036	38 36 13.9	5.108	0.290	80.4	236 239	38 2881
7010	9.2	1 3.26	2.0594	0.0035	38 4 21.7	5.101	0.293	80.5	245 253	38 2882
7011	9.0	17 1 3.48	+2.0987	+0.0034	+36 58 40.1	−5.101	+0.298	88.8	35 697 698	36 2824
7012	9.1	1 29.38	2.0956	0.0034	37 3 11.6	5.064	0.298	80.4	243 250	37 2842
7013	8.5	1 31.39	2.0696	0.0035	37 46 38.1	5.062	0.294	79.9	33 251	37 2843
7014	9.3	1 37.91	2.0956	0.0034	37 2 48.7	5.052	0.298	80.4	243 250	37 2845
7015	8.7	2 2.01	1.9970	0.0036	39 42 57.6	5.018	0.284	79.9	33 251	39 3078
7016	8.6	17 2 10.52	+1.9821	+0.0037	+40 5 50.8	−5.006	+0.282	80.4	236 239	40 3098
7017	7.1	2 12.78	2.1491	0.0033	35 29 27.4	5.003	0.306	79.9	35 241	35 2917
7018	8.9	2 14.66	2.0187	0.0036	39 8 7.8	5.000	0.287	80.5	245 253	39 3079
7019	8.9	2 44.37	2.0879	0.0034	37 13 48.7	4.958	0.297	86.9	248 255 697 698	37 2847
7020	7.8	2 48.39	2.0358	0.0035	38 39 38.5	4.953	0.290	80.4	236 239	38 2884
7021	8.3[1]	17 3 9.47	+2.1697	+0.0033	+34 51 5.5	−4.923	+0.309	79.9	35 241	34 2905
7022	8.6	3 14.03	2.0472	0.0035	38 20 12.2	4.917	0.292	80.5	245 253	38 2885
7023	8.6	3 14.99	2.0707	0.0034	37 41 32.0	4.915	0.295	79.9	33 251	37 2849
7024	8.8	3 33.20	2.1689	0.0032	34 51 50.6	4.890	0.310	79.9	35 241	34 2906
7025	5.8	3 36.19	2.1267	0.0033	36 5 54.9	4.885	0.303	93.4	5 Beob.[2]	36 2827
7026	9.4	17 3 38.68	+2.1310	+0.0033	+35 58 29.5	−4.882	+0.304	80.4	243 250	36 2828
7027	8.8	3 48.39	2.1300	0.0033	35 59 52.4	4.868	0.303	80.5	248 255	36 2830
7028	8.4	4 2.19	2.0608	0.0035	37 56 29.9	4.847	0.294	79.9	33 251	37 2851
7029	6.6	4 2.21	2.1574	0.0033	35 11 33.0	4.847	0.307	80.4	243 250	35 2922
7030	9.0	4 25.09	2.0483	0.0035	38 16 15.3	4.816	0.292	80.4	236 239	38 2887
7031	9.0	17 4 46.32	+1.9806	+0.0037	+40 3 22.4	−4.786	+0.282	80.4	236 239	40 3107
7032	8.9	4 59.00	2.0453	0.0035	38 20 6.8	4.768	0.292	79.9	33 251	38 2888
7033	7.3	5 20.45	2.0407	0.0035	38 27 2.3	4.738	0.291	80.5	245 253	38 2891
7034	8.7	5 39.06	2.0931	0.0033	36 59 50.6	4.711	0.299	79.9	35 241	37 2852
7035	7.1	5 57.17	2.0236	0.0035	38 53 33.9	4.686	0.289	79.9	33 251	38 2892
7036	6.8	17 6 24.21	+1.9807	+0.0036	+40 0 21.8	−4.647	+0.283	80.4	236 239	40 3111
7037	9.0	6 26.98	2.1385	0.0033	35 40 33.9	4.643	0.305	79.9	35 241	35 2925
7038	8.7	6 27.19	1.9875	0.0036	39 49 44.5	4.643	0.284	80.5	245 253	39 3082
7039	8.0	6 47.04	2.0099	0.0036	39 13 57.1	4.615	0.287	79.9	33 251	39 3083
7040	9.2	6 59.39	2.0765	0.0034	37 25 19.4	4.597	0.297	80.4	243 250	37 2854
7041	9.2	17 7 21.61	+1.9990	+0.0036	+39 30 9.4	−4.566	+0.286	80.4	236 239	39 3085
7042	8.4[3]	7 24.82	2.0024	0.0036	39 24 39.1	4.561	0.287	80.4	236 239	39 3086
7043	8.6	7 48.22	2.0572	0.0034	37 55 56.6	4.528	0.294	79.9	33 251	37 2856
7044	8.9	7 49.97	2.0151	0.0035	39 3 57.3	4.525	0.288	80.5	245 253	39 3087
7045	8.5	7 51.73	2.1421	0.0032	35 31 58.3	4.523	0.306	80.2	35 241 248 255	35 2926
7046	9.2	17 8 1.70	+2.1567	+0.0032	+35 5 54.8	−4.509	+0.308	80.4	243 250	35 2928
7047	9.1	8 17.01	1.9909	0.0036	39 41 13.7	4.487	0.285	80.4	236 239	39 3089
7048	9.0	8 19.46	2.0406	0.0035	38 21 58.9	4.484	0.292	80.5	261 262	38 2893
7049	7.7	8 19.66	2.0772	0.0034	37 21 56.0	4.483	0.297	79.9	35 241	37 2858
7050	7.3	8 28.96	2.1490	0.0032	35 18 45.4	4.470	0.307	80.4	243 250	35 2929

[1] 8.0 8.6; BD 9.1 [2] Z. 697 698; M 298 301 302 [3] Dpl. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7051	9.4	17h 8m 40s.14	+2s.0479	+0s.0034	+38° 9' 35".6	−4".454	+0".293	80.5	245 253	38° 2894
7052	7.4	8 55.09	2.1395	0.0032	35 34 41.2	4.433	0.306	79.9	35 241	35 2931
7053	6.5	9 15.48	2.0110	0.0035	39 7 55.8	4.404	0.288	80.4	236 239	39 3091
7054	8.4	9 28.04	2.0597	0.0034	37 49 3.4	4.386	0.295	79.9	33 251	37 2862
7055	9.0	9 32.51	2.0939	0.0033	36 51 57.1	4.380	0.300	86.9	243 250 697 698	36 2840
7056	8.3	17 9 33.74	+2.0275	+0.0035	+38 41 10.1	−4.378	+0.291	79.9	33 251	38 2895
7057	8.1	10 0.99	2.1060	0.0033	36 30 44.0	4.339	0.301	89.1	241 697 698	36 2843
7058	8.7	10 12.76	2.0052	0.0035	39 15 36.4	4.322	0.287	80.4	236 239	39 3093
7059	**3.1**	**10 41.64**	**2.0897**	**0.0033**	**36 57 3.8**	**4.281**	**0.300**		**Fund. Cat.**	**36 2844**
7060	8.8	10 50.52	2.0349	0.0035	38 27 13.5	4.269	0.292	79.9	33 251	38 2898
7061	8.0	17 10 58.58	+2.1454	+0.0032	+35 21 4.2	−4.257	+0.307	80.4	243 250	35 2935
7062	6.6	11 7.45	2.1625	0.0032	34 50 56.4	4.244	0.310	79.9	35 241	34 2928
7063	8.9	11 14.39	2.0136	0.0035	39 0 38.8	4.235	0.289	80.4	236 239	39 3094
7064	9.1	11 51.44	2.1593	0.0032	34 55 28.0	4.182	0.310	79.9	35 241	34 2930
7065	8.5	11 59.90	2.0022	0.0035	39 17 30.3	4.170	0.287	80.1	33 251 253	39 3096
7066	9.0	17 12 11.50	+1.9949	+0.0035	+39 28 35.3	−4.153	+0.286	89.1	245 697 698	39 3097
7067	*8.9	12 16.69	2.1495	0.0032	35 11 59.6	4.146	0.308	80.4	243 250	35 2942
7068	*7.0	12 45.48	1.9896	0.0035	39 35 59.4	4.105	0.286	80.5	261 262	39 3098
7069	8.3	12 53 18	2.0590	0.0033	37 44 47.9	4.094	0.296	79.9	33 251	37 2863
7070	8.9	12 55.32	2.1039	0.0032	36 29 47.9	4.091	0.302	80.5	248 255	36 2847
7071	8.9	17 13 1.01	+2.0006	+0.0035	+39 18 22.3	−4.084	+0.287	80.5	245 253	39 3099
7072	7.7	13 1.31	1.9698	0.0036	40 6 11.7	4.082	0.283	80.4	236 239	40 3125
7073	8.8	13 5.92	2.1518	0.0032	35 6 40.3	4.075	0.309	79.9	35 241	35 2946
7074	8.9	13 17.12	2.0336	0.0034	38 25 25.6	4.059	0.292	89.1	261 697 698	38 2904
7075	8.9	13 17.92	2.1296	0.0032	35 45 6.9	4.058	0.306	86.9	243 250 697 698	35 2947
7076	5.2	17 13 21.59	+2.0703	+0.0033	+37 25 25.3	−4.053	+0.297	90.0	7 Beob. [1]	37 2864
7077	9.0	13 24.23	2.0473	0.0033	38 3 7.8	4.049	0.294	80.5	245 253	38 2905
7078	8.0	13 24.52	2.1129	0.0032	36 13 40.0	4.049	0.303	80.5	248 255	36 2849
7079	8.7	13 27.22	2.0753	0.0033	37 17 2.7	4.045	0.298	80.5	257 259	37 2865
7080	6.1	14 11.49	2.0133	0.0034	38 56 28.0	3.982	0.290	88.7	11 Beob. [2]	38 2910
7081	7.7	17 14 16.01	+2.0522	+0.0034	+37 53 49.8	−3.975	+0.295	79.9	33 251	37 2867
7082	8.8	14 20.13	2.1270	0.0032	35 48 8.2	3.969	0.305	79.9	35 241	35 2948
7083	9.0	14 24.85	2.1448	0.0032	35 17 12.7	3.963	0.308	80.4	243 250	35 2949
7084	9.5	14 56.19	2.1588	0.0032	34 51 49.0	3.918	0.310	81.4	416 418 M185	34 2941
7085	8.9	15 23.61	2.0094	0.0034	39 0 59.7	3.879	0.289	79.9	33 251	39 3103
7086	8.7	17 15 24.23	+2.0776	+0.0032	+37 10 18.2	−3.878	+0.299	80.4	243 250	37 2870
7087	7.8	15 33.35	1.9939	0.0034	39 25 6.7	3.865	0.287	80.4	236 239	39 3104
7088	8.4	15 34.26	2.1256	0.0031	35 48 51.0	3.863	0.306	79.9	35 241	35 2953
7089	8.6	15 37.98	1.9742	0.0035	39 55 40.4	3.858	0.284	80.4	236 239	39 3105
7090	7.9	15 41.49	2.1256	0.0031	35 48 39.2	3.853	0.306	79.9	35 241	35 2954
7091	8.8	17 15 48.58	+2.0022	+0.0034	+39 11 51.6	−3.843	+0.288	80.5	245 253	39 3106
7092	7.3	16 0.63	2.1362	0.0031	35 29 50.4	3.826	0.307	80.4	243 250	35 2955
7093	8.6	16 4.50	2.0307	0.0033	38 26 0.3	3.820	0.292	79.9	33 251	38 2915
7094	*9.0	16 13.27	2.0365	0.0033	38 16 32.6	3.807	0.293	80.5	261 262	38 2916
7095	8.0	16 17.76	2.0106	0.0034	38 57 53.3	3.801	0.290	81.4	416 418	38 2918
7096	7.8	17 16 25.17	+2.0895	+0.0032	+36 49 1.2	−3.790	+0.301	80.5	248 255	36 2853
7097	8.1	16 35.47	2.0006	0.0034	39 13 18.0	3.776	0.288	80.4	236 239	39 3108
7098	8.5	16 37.15	2.0964	0.0033	36 37 4.9	3.773	0.302	80.5	257 259	36 2857
7099	8.8	16 44.44	2.1415	0.0031	35 19 36.1	3.763	0.308	79.9	35 241	35 2956
7100	8.6	17 2.01	1.9954	0.0034	39 20 43.5	3.738	0.288	80.5	245 253	39 3111

[1] M 181 182 301 302 303 304 305

[2] Z. 261 262 697 698; M 107 108 301 302 303 304 305

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7101	8.3	17h 17m 5s.60	+2s.0157	+0s.0033	+38° 48′ 29″.7	−3″.733	+0″.291	79.9	33 251	38° 2920
7102	9.5	17 6.38	2.1461	0.0031	35 11 9.3	3.731	0.309	80.4	243 250	35 2958
7103	*8.9	17 7.77	2.0442	0.0033	38 2 48.0	3.730	0.295	80.5	261 262	38 2921
7104	7.4	17 13.74	2.1197	0.0031	35 56 38.8	3.721	0.305	80.5	248 255	35 2961
7105	8.6	17 22.35	2.1203	0.0031	35 55 26.0	3.709	0.305	80.5	248 255	35 2962
7106	5.8	17 17 37.50	+1.9657	+0.0035	+40 5 54.4	−3.687	+0.283	80.5	7 Beob. [1]	40 3136
7107	7.4	17 58.06	2.0449	0.0032	38 0 30.4	3.657	0.295	79.9	33 251	38 2924
7108	9.2	18 4.09	2.0045	0.0033	39 4 54.6	3.649	0.289	80.4	236 239	39 3116
7109	8.7	18 33.42	2.0848	0.0032	36 54 3.2	3.607	0.300	79.9	35 241	36 2862
7110	5.1[2]	19 22.22	2.0711	0.0032	37 15 42.4	3.537	0.299	86.2	16 Beob. [3]	37 2878
7111	8.9	17 19 24.84	+2.1397	+0.0031	+35 19 20.3	−3.533	+0.308	79.9	35 241	35 2965
7112	8.6	19 32.43	2.0957	0.0032	36 34 24.7	3.522	0.302	80.4	243 250	36 2866
7113	8.5	19 39.04	2.0656	0.0032	37 24 25.6	3.514	0.298	79.9	33 251	37 2879
7114	6.8	19 50.00	2.0177	0.0033	38 41 47.1	3.497	0.292	81.4	M 181 182	38 2928
7115	8.6	19 50.52	1.9731	0.0034	39 51 30.8	3.496	0.285	80.4	236 239	39 3120
7116	7.5	17 19 51.24	+2.0789	+0.0032	+37 2 14.2	−3.495	+0.300	80.5	257 259	37 2881
7117	8.5	19 51.31	2.0524	0.0032	37 45 48.4	3.495	0.296	79.9	33 251	37 2880
7118	9.3	19 56.68	2.0359	0.0032	38 12 29.4	3.487	0.294	81.4	416 418	38 2929
7119	9.1	20 3.08	1.9758	0.0034	39 47 4.0	3.478	0.285	80.5	245 253	39 3121
7120	*6.8	20 7.35	2.0777	0.0032	37 3 51.4	3.472	0.300	80.5	261 262	37 2882
7121	8.5	17 20 9.97	+1.9777	+0.0034	+39 43 57.5	−3.468	+0.286	81.4	416 418	39 3122
7122	8.5	20 12.93	2.0027	0.0033	39 5 7.4	3.464	0.289	81.4	414 419	39 3123
7123	8.3	20 13.25	2.1532	0.0031	34 54 43.6	3.463	0.310	79.9	35 241	34 2961
7124	8.2	20 27.24	1.9943	0.0033	39 17 54.7	3.443	0.288	81.4	416 418	39 3124
7125	7.7	20 28.22	2.0374	0.0032	38 9 20.7	3.442	0.294	81.4	414 419	38 2932
7126	8.6	17 20 29.12	+2.1205	+0.0031	+35 51 10.0	−3.441	+0.306	80.5	248 255	35 2968
7127	7.6	20 29.56	1.9933	0.0033	39 19 19.9	3.440	0.288	80.5	245 253	39 3125
7128	9.0	20 31.90	1.9815	0.0033	39 37 38.0	3.437	0.286	80.4	236 239	39 3126
7129	8.6	20 33.82	2.1552	0.0031	34 50 40.0	3.434	0.311	80.4	243 250	34 2962
7130	*9.0	20 39.04	2.0751	0.0032	37 7 25.5	3.426	0.299	80.5	261 262	37 2883
7131	9.1	17 20 48.57	+2.1313	+0.0031	+35 32 0.7	−3.413	+0.308	79.9	35 241	35 2969
7132	8.3	20 51.08	2.0690	0.0032	37 17 21.7	3.409	0.299	80.5	257 259	37 2884
7133	8.4	21 4.05	1.9744	0.0033	39 47 57.3	3.390	0.285	81.4	416 418	39 3130
7134	8.8	21 4.36	2.0277	0.0032	38 24 15.6	3.390	0.293	81.4	414 419	38 2934
7135	7.4	21 13.40	2.0464	0.0032	37 53 51.3	3.377	0.296	79.9	33 251	37 2885
7136	8.5	17 21 19.95	+2.0089	+0.0033	+38 53 42.6	−3.368	+0.291	80.5	245 253	38 2935
7137	8.9	21 26.98	2.1281	0.0031	35 36 55.1	3.357	0.307	80.4	243 250	35 2971
7138	9.2	21 31.18	2.1214	0.0031	35 48 17.9	3.351	0.306	80.5	248 255	35 2972
7139	9.1	22 0.56	2.1467	0.0031	35 3 48.5	3.309	0.310	79.9	35 241	35 2976
7140	8.2[4]	22 15.41	2.1185	0.0031	35 52 24.0	3.288	0.306	80.4	243 250	35 2977
7141	9.2	17 22 46.27	+2.0433	+0.0031	+37 57 4.1	−3.243	+0.296	80.5	245 253	37 2889
7142	8.9	22 46.81	2.0714	0.0031	37 11 6.0	3.243	0.299	80.5	257 259	37 2888
7143	8.4	22 52.17	2.0219	0.0032	38 31 13.1	3.235	0.292	79.9	33 251	38 2937
7144	8.8	23 3.01	1.9766	0.0033	39 42 9.3	3.219	0.286	80.4	236 239	39 3133
7145	8.0	23 4.09	2.1197	0.0030	35 49 27.6	3.218	0.306	86.7	35 241 697 698	35 2979
7146	8.5	17 23 13.87	+2.1289	+0.0030	+35 33 18.9	−3.203	+0.308	80.4	243 250	35 2980
7147	8.9[5]	23 26.44	2.1057	0.0031	36 12 50.4	3.186	0.304	80.4	243 250	36 2873
7148	8.5	23 28.01	2.0911	0.0031	36 37 25.9	3.183	0.302	86.9	248 255 697 698	36 2872
7149	8.4	23 40.28	2.0392	0.0031	38 2 39.1	3.166	0.295	80.4	236 239	38 2939
7150	9.1	23 51.10	2.0209	0.0032	38 31 40.7	3.150	0.292	79.9	33 251	38 2940

[1] Z. 245 253 261 262; M 107 108 116 [2] Dpl. austr. seq. [3] Z. 245 248 253 255 257 259 261 262 697 698; M 115 301 302 303 304 305 [4] Dpl. 2″ med. [5] Dpl. bor. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7151	8.8	17ʰ 24ᵐ 51ˢ.22	+2ˢ.0081	+0ˢ.0032	+38° 50′ 45″.6	−3″.063	+0″.291	79.9	33 251	38° 2943
7152	8.5	24 51.91	1.9744	0.0032	39 43 20.7	3.062	0.286	80.4	236 239	39 3141
7153	7.0[1]	24 59.98	2.1457	0.0030	35 2 16.2	3.051	0.310	80.4	243 250	35 2986
7154	8.6	25 3.99	2.0376	0.0031	38 3 34.5	3.045	0.295	81.4	416 418	38 2946
7155	*8.8	25 4.00	2.0204	0.0032	38 31 12.1	3.045	0.293	80.5	261 262	38 2945
7156	8.9	17 25 5.61	+2.1087	+0.0030	+36 5 51.0	−3.043	+0.305	80.5	248 255	36 2878
7157	8.9	25 7.25	2.0943	0.0030	36 30 7.7	3.040	0.303	89.1	259 697 698	36 2879
7158	9.1	25 10.26	2.1494	0.0030	34 55 31.7	3.036	0.311	89.1	241 697 698	34 2979
7159	9.2	25 20.07	1.9940	0.0032	39 12 22.7	3.022	0.289	80.4	239 245	39 3142
7160	8.8	25 33.61	1.9922	0.0032	39 14 56.1	3.002	0.289	89.1	236; M 301 302	39 3144
7161	9.3	17 25 36.92	+2.0619	+0.0030	+37 23 22.6	−2.998	+0.299	80.4	243 250	37 2898
7162	8.9	26 17.20	2.0471	0.0030	37 46 51.7	2.939	0.297	79.9	33 251	37 2899
7163	8.5	26 29.09	2.1206	0.0030	35 44 5.4	2.922	0.307	86.7	35 241 697 698	35 2991
7164	6.1	26 29.65	2.0020	0.0032	38 58 36.3	2.922	0.290	80.2	33 236 239 251	39 3147
7165	9.2	26 42.82	2.1014	0.0030	36 16 31.9	2.902	0.304	80.5	257 259	36 2882
7166	8.1	17 27 4.24	+2.0875	+0.0030	+36 39 21.3	−2.872	+0.302	89.1	262; M 301 302	36 2884
7167	9.0	27 18.47	2.0789	0.0030	36 53 31.2	2.851	0.301	80.5	257 259	36 2886
7168	9.0	27 33.17	2.1357	0.0029	35 16 56.6	2.830	0.309	86.7	35 241 697 698	35 2995
7169	8.4	27 34.50	2.1174	0.0029	35 48 22.3	2.828	0.307	80.4	243 248 250 255	35 2997
7170	9.3	27 38.14	2.0970	0.0030	36 22 59.2	2.823	0.304	87.4	416 418 697 698	36 2889
7171	8.3	17 27 41.13	+1.9589	+0.0032	+40 3 58.0	−2.818	+0.283	79.9	33 251	40 3162
7172	9.0	27 58.54	2.0990	0.0030	36 19 16.2	2.793	0.304	80.5	261 262	36 2890
7173	8.9	28 1.86	2.0792	0.0030	36 52 15.2	2.788	0.301	81.4	414 419	36 2891
7174	8.0	28 2.22	2.1151	0.0029	35 51 47.7	2.788	0.306	80.4	243 250	35 3000
7175	9.0	28 2.78	2.0971	0.0030	36 22 18.0	2.787	0.304	81.4	416 418	36 2892
7176	7.5	17 28 4.74	+2.1508	+0.0029	+34 50 9.6	−2.784	+0.312	79.9	35 248	34 2990
7177	9.2	28 6.63	2.1272	0.0030	35 31 8.4	2.781	0.308	80.5	248 255	35 3001
7178	8.8	28 16.69	2.1351	0.0030	35 17 12.7	2.767	0.309	80.5	257 259	35 3002
7179	9.2	28 22.09	1.9563	0.0032	40 7 16.0	2.759	0.283	80.4	236 239	40 3164
7180	9.1	28 42.20	2.0571	0.0030	37 27 59.0	2.730	0.299	80.5	248 255	37 2904
7181	8.9	17 28 44.53	+2.1302	+0.0029	+35 25 12.5	−2.727	+0.309	79.9	35 248	35 3004
7182	9.0	28 49.84	2.0144	0.0031	38 36 36.0	2.719	0.292	80.2	33 251 261 262	38 2957
7183	9.1	29 3.38	1.9800	0.0031	39 30 11.9	2.699	0.287	80.4	236 239	39 3156
7184	8.7	29 9.72	2.0810	0.0030	36 48 9.6	2.690	0.302	80.4	243 250	36 2897
7185	9.1	29 24.39	1.9615	0.0031	39 58 25.7	2.669	0.284	80.5	245 253	39 3157
7186	9.1	17 29 53.31	+1.9944	+0.0031	+39 7 5.0	−2.627	+0.289	80.2	33 236 239 251	39 3159
7187	8.9	29 54.63	1.9976	0.0031	39 2 6.8	2.625	0.290	80.5	245 253 261 262	39 3160
7188	9.0	30 7.88	1.9694	0.0031	39 45 34.6	2.606	0.285	81.4	416 418	39 3161
7189	6.5	30 16.52	2.1496	0.0029	34 50 2.7	2.594	0.312	79.9	35 248	34 2996
7190	9.3	30 17.72	1.9861	0.0031	39 19 30.2	2.592	0.288	80.5	261 262	39 3163
7191	7.8	17 30 18.55	+2.1102	+0.0029	+35 58 3.2	−2.591	+0.306	80.4	243 250	35 3006
7192	8.8	30 26.13	1.9726	0.0031	39 40 26.0	2.580	0.286	80.5	267 270	39 3164
7193	9.0	30 34.92	2.1182	0.0029	35 44 0.6	2.567	0.307	84.8	248 255 697	35 3007
7194	8.8	30 53.51	2.0323	0.0030	38 6 12.9	2.540	0.295	80.5	254 265	38 2964
7195	9.0	30 55.56	2.1493	0.0029	34 50 0.7	2.537	0.312	89.1	241 697 698	34 3000
7196	7.8	17 31 1.59	+2.1009	+0.0029	+36 13 3.6	−2.529	+0.305	80.5	248 255	36 2901
7197	8.5	31 5.25	2.1198	0.0029	35 40 57.5	2.523	0.308	80.4	243 250	35 3008
7198	5.9	31 24.71	2.0587	0.0030	37 22 53.9	2.495	0.299	80.5	248 255	37 2908
7199	9.2	31 32.26	2.1193	0.0029	35 41 23.7	2.484	0.308	80.4	243 250	35 3010
7200	9.1	31 37.08	1.9811	0.0031	39 26 10.7	2.477	0.287	86.9	246 252 697 698	39 3167

[1] Dpl. 12″ bor. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7201	8.2	17h 31m 39s.46	+2s.0323	+0s.0030	+38° 5' 28".4	−2".474	+0".295	80.5	267 270	38° 2966
7202	9.3	32 12.96	1.9899	0.0031	39 12 1.6	2.425	0.289	80.5	246 252	39 3168
7203	8.9	32 15.57	2.1026	0.0029	36 9 3.9	2.421	0.305	79.9	35 241	36 2903
7204	9.3	32 20.12	1.9625	0.0031	39 54 5.3	2.415	0.285	80.5	254 265	39 3169
7205	8.5	32 25.36	2.1063	0.0029	36 2 40.5	2.407	0.306	80.4	243 250	36 2904
7206	9.1	17 32 38.49	+1.9602	+0.0030	+39 57 18.4	−2.388	+0.285	80.5	267 270	39 3172
7207	8.8	32 47.11	1.9551	0.0030	40 4 48.3	2.376	0.284	80.5	246 252	40 3181
7208	8.8	32 48.48	1.9926	0.0030	39 7 13.6	2.374	0.289	80.5	254 265	39 3173
7209	7.4	32 56.59	2.1121	0.0028	35 52 24.7	2.362	0.307	79.9	35 241	35 3016
7210	9.4	33 2.12	2.0279	0.0030	38 11 19.8	2.354	0.295	80.5	261 262	38 2969
7211	9.1	17 33 16.86	+2.0638	+0.0029	+37 12 54.5	−2.333	+0.300	80.5	248 255	37 2911
7212	9.0	33 40.74	2.0637	0.0029	37 12 45.0	2.298	0.300	80.5	257 259	37 2915
7213	7.8	33 42.76	2.1406	0.0028	35 2 53.4	2.295	0.311	80.4	243 250	35 3020
7214	9.1	33 45.17	2.0744	0.0029	36 55 3.2	2.292	0.301	81.4	416 418	36 2910
7215	8.5	33 46.38	2.0715	0.0029	36 59 46.7	2.290	0.301	80.5	261 262	37 2916
7216	8.9	17 33 54.27	+2.1025	+0.0028	+36 7 52.8	−2.278	+0.305	81.4	414 419	36 2911
7217	8.5	33 54.70	1.9656	0.0030	39 47 56.3	2.278	0.286	80.5	246 252	39 3176
7218	7.0	33 58.70	2.0778	0.0029	36 49 9.9	2.272	0.302	81.4	420 421	36 2912
7219	9.2	34 8.20	2.1338	0.0028	35 14 17.8	2.258	0.312	80.5	248 255	35 3021
7220	9.5	34 9.98	2.1165	0.0028	35 43 52.3	2.256	0.307	81.1	243 416 418	35 3022
7221	9.1	17 34 13.26	+2.1270	+0.0028	+35 25 55.8	−2.251	+0.309	80.5	257 259	35 3023
7222	8.5	34 20.12	2.0726	0.0029	36 57 28.1	2.241	0.301	81.4	414 419	36 2914
7223	9.0	34 21.62	2.1459	0.0028	34 53 13.4	2.239	0.312	79.9	35 241	34 3015
7224	9.5	34 32.97	2.1166	0.0028	35 43 25.8	2.222	0.307	86.9	250 697	35 3025
7225	8.6	34 41.74	2.0870	0.0029	36 33 18.7	2.210	0.303	80.5	257 259	36 2916
7226	8.8	17 34 42.66	+1.9962	+0.0030	+38 59 55.0	−2.208	+0.290	80.5	246 252	39 3181
7227	8.6	34 57.33	2.1161	0.0028	35 44 2.0	2.187	0.307	79.9	35 241	35 3027
7228	8.5	35 24.27	2.0604	0.0029	37 16 44.4	2.148	0.301	80.5	261 262	37 2926
7229	8.1	35 29.12	2.1103	0.0028	35 53 27.2	2.141	0.307	80.4	243 250	35 3029
7230	9.4	35 33.99	2.1337	0.0028	35 13 26.5	2.134	0.310	80.5	248 255	35 3030
7231	8.7	17 35 42.39	+2.0795	+0.0029	+36 44 54.0	−2.122	+0.302	81.4	416 418	36 2917
7232	9.1	35 46.54	2.1047	0.0028	36 2 49.0	2.116	0.306	81.4	414 419	36 2918
7233	8.3	36 1.32	1.9637	0.0030	39 49 2.3	2.094	0.285	80.5	246 252	39 3188
7234	9.3	36 2.58	2.1191	0.0028	35 38 1.7	2.092	0.308	79.9	35 241	35 3034
7235	9.2	36 3.46	2.1120	0.0028	35 50 6.9	2.091	0.307	86.9	248 255 697 698	35 3035
7236	8.7	17 36 8.82	+1.9992	+0.0030	+38 54 9.7	−2.083	+0.291	80.5	267 270	38 2974
7237	8.3	36 19.19	2.1228	0.0028	35 31 30.9	2.068	0.308	87.0	257 259 699 700	35 3036
7238	9.0	36 20.08	2.0182	0.0029	38 23 56.5	2.067	0.294	81.4	416 418	38 2975
7239	9.0	36 21.77	1.9895	0.0030	39 9 5.2	2.065	0.289	89.1	265 697 698	39 3192
7240	8.7	36 24.03	2.0356	0.0029	37 56 12.8	2.061	0.296	80.5	261 262	37 2929
7241	9.1	17 36 29.32	+2.0976	+0.0028	+36 14 12.9	−2.054	+0.305	81.4	414 419	36 2919
7242	8.7	36 48.76	2.0220	0.0029	38 17 32.4	2.025	0.294	80.5	254 265	38 2977
7243	7.9	36 49.33	2.1129	0.0028	35 48 5.4	2.025	0.307	86.7	35 241 699 700	35 3040
7244	8.8	37 3.53	2.0205	0.0029	38 19 44.8	2.004	0.294	80.5	267 270	38 2979
7245	9.1	37 3.91	1.9818	0.0030	39 20 37.7	2.004	0.288	86.9	246 252 697 698	39 3197
7246	9.1	17 37 4.34	+2.0791	+0.0029	+36 44 39.8	−2.003	+0.302	80.5	257 259	36 2922
7247	7.9	37 12.08	2.1263	0.0028	35 24 50.9	1.992	0.309	80.4	243 250	35 3041
7248	8.0	37 13.38	2.0357	0.0029	37 55 27.5	1.990	0.296	80.5	261 262	37 2930
7249	7.6	37 20.80	2.1364	0.0028	35 7 18.9	1.979	0.310	80.5	248 255	35 3042
7250	8.8	37 30.74	2.0878	0.0028	36 29 50.3	1.965	0.304	81.4	416 418	36 2923

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7251	9.1	$17^{h}\ 37^{m}\ 39^{s}.06$	+2^{s}.0197	+0^{s}.0029	+38° 20' 45".5	−1".952	+0".294	80.5	267 270	38° 2983
7252	8.8	37 39.65	2.1258	0.0027	35 25 26.8	1.952	0.309	79.9	35 241	35 3043
7253	8.8	37 39.99	1.9538	0.0030	40 2 55.8	1.951	0.284	80.5	246 252	40 3198
7254	9.1	37 41.04	1.9808	0.0030	39 21 42.8	1.950	0.288	80.5	254 265	39 3198
7255	8.6	37 46.02	2.0902	0.0028	36 25 35.8	1.942	0.304	80.5	248 255	36 2926
7256	*8.7	17 37 49.96	+2.0342	+0.0028	+37 57 21.4	−1.937	+0.296	80.5	261 262	37 2931
7257	6.3	38 0.56	2.0278	0.0029	38 7 38.1	1.921	0.295	81.4	416 418	38 2984
7258	8.6	38 2.66	2.1003	0.0028	36 8 23.6	1.918	0.305	80.5	257 259	36 2928
7259	9.5	38 10.27	2.1165	0.0027	35 40 56.2	1.907	0.308	80.4	243 250	35 3045
7260	9.1	38 21.39	2.0277	0.0028	38 7 22.8	1.891	0.295	80.5	254 265	38 2988
7261	9.2	17 38 40.26	+2.1352	+0.0027	+35 8 25.9	−1.864	+0.310	80.5	248 255	35 3047
7262	8.0	38 47.42	2.0460	0.0028	37 37 39.3	1.853	0.298	80.5	257 259	37 2934
7263	9.1	38 49.70	1.9642	0.0029	39 46 18.0	1.850	0.286	80.5	246 252	39 3203
7264	6.8[1]	39 6.59	2.1458	0.0027	34 49 55.7	1.825	0.312	79.9	35 241	34 3035
7265	8.7	39 22.31	2.1089	0.0028	35 53 13.1	1.803	0.307	80.4	243 250	35 3050
7266	8.9	17 39 35.74	+1.9520	+0.0029	+40 4 22.9	−1.783	+0.285	80.5	246 252 254 265	40 3202
7267	8.9	39 48.55	2.0455	0.0028	37 37 55.4	1.764	0.298	89.1	262 697 698	37 2935
7268	9.0	40 2.23	2.1214	0.0027	35 31 24.0	1.745	0.308	79.9	35 241	35 3054
7269	8.7	40 9.69	2.1106	0.0027	35 49 40.3	1.734	0.307	80.4	243 250	35 3055
7270	8.6	40 15.19	2.1340	0.0027	35 9 34.0	1.726	0.310	80.5	248 255	35 3057
7271	8.9	17 40 15.46	+2.1185	+0.0027	+35 36 7.7	−1.725	+0.308	80.5	257 259	35 3058
7272	6.3	40 23.48	2.1301	0.0027	35 16 12.0	1.714	0.310	80.5	248 255	35 3059
7273	8.5	40 37.78	2.0433	0.0028	37 40 50.2	1.693	0.298	81.4	416 418	37 2939
7274	8.6	40 38.45	2.0344	0.0028	37 55 15.6	1.692	0.296	80.5	257 259	37 2940
7275	7.8	40 39.55	2.0172	0.0028	38 22 31.9	1.690	0.294	80.5	267 270	38 2994
7276	8.1	17 40 40.59	+1.9500	+0.0029	+40 6 43.7	−1.689	+0.284	80.5	246 252	40 3206
7277	9.2	40 43.25	1.9635	0.0029	39 46 6.8	1.685	0.286	80.5	254 265	39 3210
7278	7.9	41 0.11	1.9916	0.0029	39 2 36.8	1.661	0.290	80.5	267 270	39 3213
7279	7.8	41 4.84	2.1062	0.0027	35 56 38.6	1.654	0.306	80.4	243 250	35 3062
7280	8.3	41 15.35	2.1423	0.0027	34 54 45.0	1.638	0.312	79.9	35[2] 241	34 3043
7281	*8.1	17 41 18.46	+1.9772	+0.0029	+39 24 43.7	−1.634	+0.288	80.5	261 262	39 3215
7282	9.2	41 43.47	1.9682	0.0029	39 38 14.7	1.597	0.287	80.5	254 265	39 3217
7283	6.5	41 44.07	1.9956	0.0028	38 55 53.6	1.597	0.290	87.9	11 Beob.[3]	38 2997
7284	9.1	41 48.21	1.9744	0.0029	39 28 47.5	1.591	0.288	80.5	267 270	39 3218
7285	6.3	41 50.84	1.9786	0.0029	39 22 15.3	1.587	0.288	87.5	8 Beob.[4]	39 3219
7286	9.2	17 42 7.99	+1.9899	+0.0029	+39 4 37.8	−1.562	+0.290	81.4	416 418	39 3223
7287	8.2	42 12.49	2.1276	0.0027	35 19 34.9	1.555	0.310	79.9	35 241	35 3064
7288	9.1	42 15.22	1.9989	0.0028	38 50 31.7	1.551	0.291	86.9	261 262 697 698	38 3001
7289	7.9	42 17.98	2.0076	0.0028	38 36 56.8	1.547	0.292	80.5	254 265	38 3002
7290	8.4	42 18.31	2.1129	0.0027	35 44 37.2	1.547	0.307	80.5	248 255	35 3066
7291	8.5	17 42 19.74	+2.1148	+0.0027	+35 41 17.0	−1.545	+0.308	80.4	243 250	35 3065
7292	6.5	42 30.54	2.0989	0.0027	36 8 5.3	1.529	0.305	80.5	257 259	36 2937
7293	8.5	42 35.84	2.1126	0.0026	35 44 55.8	1.521	0.307	80.5	248 255	35 3067
7294	8.5	42 38.71	1.9894	0.0028	39 5 4.6	1.517	0.290	80.5	246 252	39 3227
7295	7.9	42 40.23	2.1388	0.0026	34 59 55.9	1.515	0.312	80.4	243 250	35 3068
7296	*9.0	17 42 58.07	+2.0507	+0.0027	+37 27 37.3	−1.489	+0.299	80.5	261 262	37 2947
7297	8.8	43 17.27	1.9508	0.0028	40 3 50.8	1.461	0.285	80.5	267 270	40 3212
7298	7.6	43 17.71	2.1397	0.0026	34 58 2.2	1.460	0.311	79.9	35 241	34 3049
7299	9.0	43 26.39	2.1289	0.0026	35 16 43.4	1.448	0.310	80.4	243 250	35 3070
7300	7.9	43 31.55	2.1018	0.0026	36 2 45.2	1.440	0.306	80.5	257 259	36 2939

[1] Dpl. 12" austr. [2] Dpl. 18" [3] Z. 423 424 697 698 699 700; M 116 181 182 304 305
[4] Z. 699 700; M 183 184 185 186 304 305

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7301	7.7	$17^h\,43^m\,35^s.29$	$+2^s.0978$	$+0^s.0026$	+36° 9' 28".1	−1".435	+0".305	80.5	257 259	36° 2941
7302	*6.5	43 36.06	2.0819	0.0027	36 35 55.0	1.434	0.303	80.5	261 262	36 2942
7303	8.1	43 41.26	2.0965	0.0026	36 11 37.8	1.426	0.305	80.5	248 255	36 2943
7304	7.5	43 54.44	1.9524	0.0028	40 1 9.5	1.407	0.285	80.5	246 252	40 3214
7305	7.5	43 59.78	2.0198	0.0027	38 16 38.8	1.399	0.294	80.5	267 270	38 3006
7306	9.3	17 44 7.30	+2.1190	+0.0026	+35 33 14.2	−1.388	+0.308	79.9	35 241	35 3073
7307	8.8	44 13.50	2.1157	0.0026	35 38 47.5	1.379	0.308	80.4	243 250	35 3074
7308	8.5	44 19.82	1.9571	0.0028	39 53 44.5	1.370	0.286	80.5	254 265	39 3233
7309	9.0	44 30.61	2.0679	0.0027	36 58 33.2	1.354	0.301	80.5	248 255	36 2949
7310	8.8	44 31.27	2.0810	0.0026	36 37 1.9	1.353	0.303	80.5	257 259	36 2948
7311	*7.0	17 44 39.59	+2.0632	+0.0027	+37 6 15.9	−1.341	+0.300	80.5	261 262	37 2949
7312	9.0	44 52.05	2.1219	0.0026	35 27 56.9	1.323	0.309	95.5	M 334 335	35 3077
7313	9.1	44 53.11	2.0784	0.0026	36 41 13.8	1.322	0.303	81.4	416 418	36 2950
7314	8.7	44 56.06	2.1213	0.0026	35 28 53.8	1.317	0.309	86.7	35 241 697 698	35 3077
7315	8.3	45 20.04	2.0867	0.0026	36 27 14.5	1.283	0.304	81.4	414 419	36 2953
7316	8.4	17 45 21.65	+2.0983	+0.0026	+36 7 46.5	−1.280	+0.305	81.4	416 418	36 2954
7317	7.8	45 34.40	1.9666	0.0027	39 38 46.3	1.262	0.287	80.5	254 265	39 3238
7318	9.1	45 39.50	1.9573	0.0027	39 52 53.7	1.254	0.286	80.5	246 252	39 3239
7319	9.2	45 48.30	2.0376	0.0027	37 47 24.4	1.241	0.297	80.5	6 Beob. [1]	37 2953
7320	8.2[2]	45 57.92	2.1212	0.0026	35 28 22.8	1.227	0.309	86.9	243 250 697 698	35 3079
7321	8.1[3]	17 46 3.35	+2.1020	+0.0026	+36 1 7.6	−1.219	+0.306	80.5	257 259	35 3081
7322	9.0	46 5.14	2.1146	0.0026	35 39 44.8	1.217	0.308	86.9	248 255 697 698	35 3080
7323	8.3	46 7.54	2.1230	0.0026	35 25 27.6	1.213	0.309	81.4	420 421	35 3083
7324	6.6	46 12.50	2.0709	0.0026	36 52 52.7	1.206	0.302	80.5	248 255	36 2956
7325	8.5	46 15.70	2.1431	0.0026	34 50 45.6	1.201	0.313	79.9	35 241	34 3061
7326	8.2	17 46 27.86	+1.9698	+0.0027	+39 33 27.1	−1.184	+0.287	80.5	246 252	39 3241
7327	8.6	46 28.76	2.1245	0.0026	35 22 41.2	1.182	0.310	80.4	243 250	35 3085
7328	8.0	46 33.08	1.9685	0.0027	39 35 24.8	1.176	0.287	80.5	246 252	39 3242
7329	*9.0	46 34.69	2.0659	0.0026	37 0 56.6	1.174	0.301	80.5	261 262	37 2958
7330	8.0	46 40.13	2.0391	0.0026	37 44 30.5	1.166	0.297	81.4	416 418	37 2960
7331	7.2	17 46 56.01	+2.0114	+0.0027	+38 28 32.0	−1.143	+0.293	80.5	267 270	38 3011
7332	8.9	47 2.03	2.0151	0.0027	38 22 38.3	1.134	0.294	81.4	414 419	38 3012
7333	9.2	47 5.06	2.0458	0.0026	37 33 27.0	1.130	0.298	81.4	416 418	37 2963
7334	6.9	47 10.49	1.9480	0.0027	40 6 17.8	1.122	0.284	80.5	254 265	40 3225
7335	9.1	47 19.60	2.0223	0.0027	38 11 7.9	1.108	0.295	81.4	420 421	38 3015
7336	8.6	17 47 28.05	+2.1117	+0.0026	+35 44 11.1	−1.096	+0.308	89.1	250 699 700	35 3088
7337	9.0	47 30.12	2.0680	0.0026	36 57 6.0	1.093	0.301	80.5	257 259	36 2960
7338	8.3	47 32.63	2.1420	0.0025	34 52 15.8	1.089	0.313	86.7	35 241 699 700	34 3066
7339	9.0	47 54.17	1.9812	0.0026	39 15 16.9	1.058	0.289	80.5	267 270	39 3246
7340	9.1	47 54.36	1.9786	0.0026	39 19 23.1	1.058	0.288	80.5	246 252	39 3247
7341	8.8	17 47 54.61	+2.0898	+0.0025	+36 20 54.8	−1.057	+0.304	89.5	418; M 304 305	36 2962
7342	9.1	47 57.32	2.1048	0.0025	35 55 39.4	1.053	0.306	89.1	255 697 698	35 3090
7343	9.0	47 57.74	2.0678	0.0026	36 57 24.2	1.053	0.301	81.4	414 419	36 2963
7344	6.5	48 0.68	1.9516	0.0027	40 0 38.2	1.049	0.285	80.5	254 265	40 3228
7345	7.9	48 5.43	2.0021	0.0026	38 42 51.2	1.042	0.292	81.4	423 424	38 3019
7346	7.9	17 48 10.88	+2.1095	+0.0025	+35 47 35.0	−1.034	+0.307	79.9	35 241	35 3091
7347	8.6	48 14.28	2.1335	0.0025	35 6 38.4	1.029	0.312	86.9	257 259 697 698	35 3092
7348	8.9	48 14.82	1.9757	0.0026	39 23 48.1	1.029	0.288	81.4	420 421	39 3248
7349	9.1	48 20.17	2.1310	0.0025	35 10 52.6	1.020	0.311	80.4	243 250	35 3094
7350	8.9	48 24.57	2.0946	0.0025	36 12 41.1	1.014	0.305	81.4	414 419	36 2965

[1] Z. 254 261 262 265 267 270 [2] Dpl. 3^s praec. [3] 9.1 7.0; BD 8.8

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7351	*8.8	$17^h\ 48^m\ 27^s.04$	$+2^s.0545$	$+0^s.0026$	+37° 18′ 54″.3	−1″.010	+0″.299	80.5	261 262	37° 2965
7352	7.2	48 27.45	2.0188	0.0026	38 16 19.1	1.010	0.294	81.4	420 421	38 3022
7353	9.0	48 28.04	2.0571	0.0026	37 14 33.6	1.009	0.300	81.4	416 418	37 2967
7354	6.8	48 32.64	1.9968	0.0026	38 50 56.8	1.002	0.291	89.5	425 699 700	38 3025
7355	8.9	48 35.80	2.0066	0.0026	38 35 33.2	0.997	0.293	87.4	423 424 697 698	38 3024
7356	*8.5	17 48 38.63	+2.0393	+0.0026	+37 43 29.6	−0.993	+0.297	80.5	261 262	37 2968
7357	8.2	48 41.75	2.0435	0.0026	37 36 43.1	0.989	0.298	81.4	422 425	37 2969
7358	8.4	48 45.72	1.9931	0.0026	38 56 35.9	0.983	0.290	81.4	414 419 422	38 3026
7359	8.3	48 53.86	2.0978	0.0025	36 7 6.5	0.971	0.305	80.5	248 255	36 2966
7360	7.4	48 59.86	1.9630	0.0026	39 42 53.4	0.962	0.286	80.5	246 252	39 3252
7361	9.0	17 49 1.49	+2.0842	+0.0025	+36 29 50.5	−0.960	+0.304	80.5	257 259	36 2967
7362	8.9	49 1.92	2.1043	0.0025	35 56 5.9	0.959	0.306	79.9	35 241	35 3096
7363	9.1	49 5.83	1.9781	0.0026	39 19 37.1	0.954	0.288	80.5	254 265	39 3254
7364	7.0	49 7.57	2.1126	0.0025	35 41 58.4	0.951	0.308	80.4	243 250	35 3098
7365	9.0	49 9.52	2.1014	0.0025	36 0 54.2	0.948	0.306	81.4	416 418	36 2968
7366	8.2	17 49 9.62	+2.0945	+0.0025	+36 12 35.4	−0.948	+0.305	81.4	423 424	36 2969
7367	8.8	49 11.27	2.0194	0.0026	38 14 59.9	0.946	0.295	81.4	420 421	38 3027
7368	5.0	49 13.97	1.9504	0.0026	40 1 58.1	0.942	0.285	89.5	6 Beob. [1]	40 3233
7369	8.9	49 21.42	2.0080	0.0026	38 33 8.0	0.931	0.293	81.4	414 419	38 3028
7370	8.7	49 23.72	1.9721	0.0026	39 28 49.2	0.928	0.288	80.5	267 270	39 3256
7371	9.1	17 49 31.33	+2.0310	+0.0026	+37 56 29.4	−0.917	+0.296	80.5	257 259	37 2973
7372	8.9	49 42.86	2.1167	0.0025	35 34 52.2	0.900	0.309	79.9	35 241	35 3100
7373	8.7	49 48.14	2.0975	0.0025	36 7 19.7	0.892	0.305	80.5	248 255	36 2970
7374	8.6	49 57.55	1.9717	0.0026	39 29 13.7	0.879	0.288	80.5	246 252	39 3259
7375	8.1	50 19.33	2.0106	0.0026	38 28 41.8	0.847	0.293	81.4	416 418	38 3032
7376	*9.0	17 50 20.36	+2.0041	+0.0026	+38 38 51.3	−0.845	+0.292	80.5	261 262	38 3031
7377	8.9	50 20.63	1.9804	0.0026	39 15 42.3	0.845	0.289	80.5	254 265	39 3260
7378	8.9	50 40.81	1.9585	0.0026	39 49 11.6	0.815	0.286	80.5	267 270	39 3262
7379	*9.0	50 42.10	2.0576	0.0025	37 13 8.2	0.813	0.300	80.5	261 262	37 2979
7380	9.1	50 45.10	1.9627	0.0026	39 42 45.6	0.809	0.286	80.5	267 270	39 3263
7381	9.2	17 50 46.85	+1.9840	+0.0026	+39 10 0.1	−0.807	+0.289	80.5	254 265	39 3264
7382	9.1	50 48.98	2.0970	0.0025	36 7 55.2	0.803	0.305	81.4	420 421	36 2974
7383	8.9	50 52.41	1.9745	0.0026	39 24 36.0	0.798	0.288	80.5	246 252	39 3265
7384	8.9	50 53.04	2.1172	0.0025	35 33 40.7	0.798	0.309	86.9	243 250 697 698	35 3102
7385	9.4	50 59.09	2.1331	0.0025	35 6 26.8	0.789	0.311	80.5	248 255	35 3103
7386	7.3	17 51 4.08	+2.0941	+0.0025	+36 12 37.0	−0.781	+0.305	81.4	414 419	36 2975
7387	9.0	51 7.95	1.9829	0.0026	39 11 39.4	0.776	0.289	87.5	416 418 697 698	39 3267
7388	8.0	51 12.74	2.0041	0.0026	38 38 38.0	0.769	0.292	81.4	414 419	38 3034
7389	9.1	51 18.34	2.1149	0.0025	35 37 27.2	0.761	0.308	80.5	257 259	35 3104
7390	8.9[2]	51 18.72	1.9702	0.0026	39 31 6.8	0.760	0.287	80.5	254 265	39 3269
7391	9.2	17 51 25.42	+2.1412	+0.0025	+34 52 17.4	−0.750	+0.313	79.9	35 241	34 3081
7392	8.8	51 40.90	2.1103	0.0025	35 45 8.0	0.728	0.308	80.4	243 250	35 3106
7393	8.7	51 42.86	2.0030	0.0026	38 40 13.7	0.725	0.292	80.5	267 270	38 3036
7394	8.9	51 53.47	2.0705	0.0025	36 51 44.0	0.709	0.302	80.5	248 255	36 2976
7395	**4.0**	**51 57.98**	**2.0556**	**0.0025**	**37 16 5.4**	**0.703**	**0.300**		**Fund. Cat.**	**37 2982**
7396	*9.0	17 51 59.67	+2.0419	+0.0025	+37 38 10.7	−0.700	+0.298	80.5	261 262	37 2983
7397	8.4	52 4.24	2.0976	0.0025	36 6 31.5	0.694	0.306	80.5	257 259	36 2977
7398	8.1	52 4.45	1.9724	0.0026	39 27 29.8	0.694	0.288	80.5	246 252	39 3274
7399	8.0	52 21.51	2.1376	0.0025	34 58 21.5	0.669	0.312	79.9	35 241	34 3085
7400	8.2	52 25.27	2.1427	0.0025	34 49 27.3	0.663	0.313	79.9	35 241	*34 3086*

[1] Z. 422 425 699 700; M 304 305   [2] Dpl. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7401	9.1	17h 52m 25s.94	+2s.0059	+0s.0026	+38° 35′ 27″.4	−0″.662	+0″.292	80.5	254 265	38° 3039
7402	8.5	52 38.03	2.0801	0.0024	36 35 31.6	0.645	0.303	81.4	416 418	36 2978
7403	9.0	52 38.16	2.1422	0.0024	34 50 22.9	0.644	0.313	93.4	697 698	34 3088
7404	8.4	52 48.07	2.1082	0.0024	35 48 31.2	0.630	0.307	80.4	243 250	35 3111
7405	7.0	52 49.63	2.0699	0.0024	36 52 24.5	0.628	0.302	80.5	257 259	36 2979
7406	*6.5	17 52 54.67	+2.0350	+0.0025	+37 49 1.9	−0.620	+0.297	80.5	261 262	37 2988
7407	7.0	52 56.76	2.1124	0.0024	35 41 21.8	0.617	0.308	80.5	248 255	35 3112
7408	8.6	53 13.31	2.0943	0.0024	36 11 44.1	0.593	0.305	81.4	414 419	36 2981
7409	8.3	53 13.65	1.9897	0.0025	38 59 1.4	0.593	0.290	80.5	267 270	38 3043
7410	9.3	53 15.05	1.9615	0.0025	39 43 50.7	0.591	0.286	80.5	246 252	39 3280
7411	8.7	17 53 25.89	+1.9913	+0.0025	+38 58 4.8	−0.575	+0.290	81.4	416 418	38 3044
7412	7.8	53 40.85	2.0245	0.0025	38 5 49.7	0.553	0.295	80.5	267 270	38 3045
7413	8.9	53 54.22	1.9890	0.0025	39 1 30.5	0.533	0.290	80.5	254 265	39 3286
7414	8.8	54 3.56	2.0204	0.0025	38 12 14.3	0.520	0.295	81.4	414 419	38 3047
7415	8.3	54 7.20	1.9458	0.0025	40 7 29.2	0.515	0.284	80.5	246 252	40 3254
7416	7.3	17 54 7.72	+2.0693	+0.0024	+36 53 1.4	−0.514	+0.302	80.5	257 259	36 2985
7417	9.1	54 9.26	2.1290	0.0024	35 12 43.7	0.511	0.311	80.4	243 250	35 3115
7418	7.0	54 15.92	2.1139	0.0024	35 38 32.6	0.502	0.309	80.5	248 255	35 3116
7419	8.8	54 16.29	2.0138	0.0025	38 22 39.8	0.501	0.294	85.4	416 418 697	38 3048
7420	*8.5	54 16.38	2.0325	0.0024	37 52 47.1	0.501	0.297	80.5	261 262	37 2991
7421	6.2	17 54 20.76	+2.0905	+0.0024	+36 18 0.0	−0.495	+0.305	87.5	12 Beob.[1]	36 2986
7422	9.0	54 27.02	2.0651	0.0024	36 59 50.8	0.486	0.301	80.4	243 248 250 255	36 2987
7423	9.1	54 28.05	2.0096	0.0025	38 29 14.4	0.484	0.293	80.5	254 265	38 3050
7424	7.9	54 29.09	2.1376	0.0024	34 57 46.9	0.483	0.312	79.9	35 241	34 3092
7425	8.7	54 45.48	1.9987	0.0025	38 46 18.2	0.459	0.291	80.5	267 270	38 3052
7426	8.7	17 55 8.30	+2.0977	+0.0024	+36 5 41.9	−0.425	+0.306	89.1	241 697 698	36 2989
7427	8.5	55 33.77	2.0171	0.0025	38 17 17.3	0.388	0.294	87.0	261 262 699 700	38 3054
7428	8.9	55 34.19	1.9895	0.0025	39 0 34.4	0.388	0.290	80.5	246 252	39 3294
7429	8.2	55 44.00	2.0979	0.0024	36 5 16.8	0.373	0.306	80.1	35 257 259	36 2991
7430	8.8	55 45.48	2.0026	0.0025	38 40 2.0	0.371	0.292	88.1	6 Beob.[2]	38 3055
7431	9.1	17 56 7.46	+2.1285	+0.0024	+35 13 18.6	−0.339	+0.311	80.2	35 241 243 250	35 3123
7432	9.3	56 12.26	2.0670	0.0024	36 56 35.3	0.332	0.301	80.5	257 259	36 2994
7433	8.7	56 13.00	1.9977	0.0025	38 47 37.1	0.331	0.291	80.5	267 270	38 3058
7434	8.9	56 18.64	1.9503	0.0025	40 0 19.2	0.323	0.285	80.5	246 252	40 3260
7435	9.3	56 25.53	2.1096	0.0024	35 45 36.2	0.313	0.308	80.5	248 255	35 3126
7436	9.0	17 56 25.99	+2.1301	+0.0024	+35 10 31.8	−0.312	+0.311	93.4	697 698	35 3124
7437	7.9	56 54.83	2.1176	0.0024	35 31 48.7	0.270	0.309	79.9	35 241	35 3128
7438	8.2	57 1.45	1.9885	0.0025	39 1 52.1	0.260	0.290	80.5	246 252	39 3300
7439	9.1	57 7.05	2.1345	0.0024	35 2 50.1	0.252	0.312	80.4	243 250	35 3129
7440	8.2	57 15.28	2.1228	0.0024	35 22 52.5	0.240	0.310	80.5	248 255	35 3130
7441	9.2	17 57 17.60	+1.9601	+0.0025	+39 45 26.3	−0.237	+0.286	80.5	254 265	39 3301
7442	9.2	57 18.91	2.1089	0.0024	35 46 31.6	0.235	0.308	80.5	257 259	35 3131
7443	9.0	57 24.52	1.9958	0.0024	38 50 27.2	0.227	0.291	80.5	267 270	38 3062
7444	8.5	57 57.45	2.1202	0.0023	35 27 15.6	0.179	0.310	80.4	243 250	35 3133
7445	9.2	58 9.39	2.0209	0.0024	38 10 59.6	0.161	0.295	80.5	254 265	38 3064
7446	7.9	17 58 12.60	+2.1374	+0.0023	+34 57 45.4	−0.157	+0.312	79.9	35 241	34 3106
7447	8.4	58 37.98	1.9569	0.0024	39 50 12.3	0.120	0.289	80.5	246 252	39 3304
7448	9.2	58 38.11	2.0183	0.0024	38 15 1.3	0.120	0.294	80.5	267 270	38 3066
7449	*9.0	58 41.67	2.0581	0.0023	37 11 2.0	0.114	0.300	80.5	261 262	37 2999
7450	8.0	58 43.47	2.0967	0.0023	36 7 5.8	0.111	0.306	81.4	416 418	36 3002

[1] Z. 697 698 699 700; M 181 182 183 184 185 186 304 305

[2] Z. 254 265 699 700; M 334 335

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7451	9.2	$17^h\ 58^m\ 48^s.72$	$+1^s.9781$	$+0^s.0024$	+39° 17' 53".6	−0".104	+0".289	80.5	246 252	39° 3306
7452	8.6	58 50.25	2.1019	0.0023	35 58 17.6	0.102	0.307	79.9	35 241	35 3136
7453	8.8	58 53.95	2.1153	0.0023	35 35 35.4	0.096	0.309	80.4	243 248 250	35 3137
7454	9.1	58 58.70	1.9963	0.0023	38 49 33.1	0.089	0.291	80.5	267 270	38 3067
7455	8.5	58 59.18	2.0339	0.0023	37 50 10.3	0.089	0.297	81.4	414 419	37 3001
7456	8.9	17 59 10.17	+1.9762	+0.0024	+39 20 48.6	−0.073	+0.288	80.5	254 265	39 3308
7457	8.7	59 13.11	2.1163	0.0023	35 33 58.1	0.068	0.309	89.1	255 697 698	35 3140
7458	8.5	59 18.13	2.0172	0.0023	38 16 42.7	0.061	0.294	81.4	416 418	38 3069
7459	9.0	59 19.68	2.0247	0.0023	38 4 41.8	0.059	0.296	81.4	420 421	38 3070
7460	8.1	59 28.03	2.1315	0.0023	35 7 58.4	0.047	0.311	80.5	257 259	35 3141
7461	7.1	17 59 30.57	+2.1022	+0.0023	+35 57 51.4	−0.043	+0.307	80.1	35 248 255	35 3142
7462	8.0	59 32.44	2.0870	0.0023	36 23 24.7	0.040	0.305	81.4	416 418	36 3008
7463	9.2	59 37.06	2.1129	0.0023	35 39 44.5	0.033	0.309	80.5	243 250 257 259	35 3143
7464	9.1	59 41.22	1.9688	0.0024	39 32 10.0	0.027	0.287	87.0	254 265 697 698	39 3309
7465	*8.8	59 55.03	2.0590	0.0023	37 9 31.5	0.007	0.300	80.5	261 262	37 3006
7466	7.0[1]	18 0 0.32	+1.9711	+0.0024	+39 28 30.4	+0.001	+0.288	80.5	246 252	39 3310
7467	8.5	0 2.18	2.0715	0.0023	36 48 57.9	0.003	0.302	81.4	414 419 420 421	36 3009
7468	8.6	0 9.60	2.1015	0.0023	35 59 2.0	0.014	0.306	89.2	241 697 698	35 3146
7469	9.1	0 23.16	1.9634	0.0024	39 40 14.2	0.034	0.287	80.5	267 270	39 3312
7470	9.1	0 34.03	2.0014	0.0024	38 41 40.9	0.050	0.292	80.5	267 270	38 3073
7471	7.6	18 0 34.93	+2.0343	+0.0024	+37 49 32.5	+0.051	+0.297	81.4	416 418 420 421	37 3008
7472	6.8	0 39.32	1.9474	0.0024	40 4 31.1	0.057	0.285	80.5	254 265	40 3276
7473	8.7	0 39.90	2.0381	0.0024	37 43 19.0	0.058	0.297	80.6	279 282	37 3009
7474	9.0	0 40.71	2.0784	0.0023	36 37 35.7	0.059	0.303	80.5	263 264	36 3013
7475	8.7	0 55.64	1.9613	0.0024	39 43 28.8	0.081	0.286	80.5	246 252	39 3314
7476	8.6	18 0 59.23	+2.1320	+0.0023	+35 6 59.7	+0.086	+0.311	80.5	256 260	35 3148
7477	8.8	1 14.77	2.0905	0.0023	36 17 29.1	0.109	0.305	80.5	258 268	36 3014
7478	9.3	1 20.34	1.9563	0.0024	39 51 3.3	0.117	0.286	80.5	254 265	39 3316
7479	8.8	1 22.65	2.0486	0.0023	37 26 27.6	0.120	0.299	80.5	272 276	37 3012
7480	8.6	1 37.54	2.1209	0.0023	35 26 5.0	0.142	0.309	80.5	256 260	35 3151
7481	7.5	18 1 41.04	+1.9901	+0.0024	+38 59 15.9	+0.147	+0.290	80.5	267 270	38 3075
7482	8.5	1 53.86	2.0542	0.0023	37 17 19.6	0.166	0.300	80.5	263 264	37 3013
7483	7.6	1 54.53	2.0365	0.0023	37 45 51.7	0.167	0.297	80.6	279 282	37 3015
7484	8.2	2 4.73	2.0131	0.0023	38 23 17.2	0.182	0.294	81.4	420 421	38 3077
7485	8.8	2 14.80	2.0389	0.0023	37 42 2.4	0.197	0.298	81.4	423 424	37 3017
7486	8.7	18 2 24.40	+2.0581	+0.0023	+37 10 59.1	+0.211	+0.300	80.5	272 276	37 3018
7487	8.9	2 25.54	2.1098	0.0022	35 45 5.1	0.212	0.307	80.5	256 260	35 3157
7488	9.0	2 29.05	2.0063	0.0023	38 34 3.0	0.217	0.293	81.4	422 425	38 3079
7489	8.9	2 32.25	1.9853	0.0023	39 6 47.8	0.222	0.289	80.5	246 252	39 3320
7490	9.0	2 33.62	2.0013	0.0023	38 41 50.1	0.224	0.292	81.4	420 421	38 3081
7491	9.4[2]	18 2 35.75	+1.9941	+0.0023	+38 53 19.9	+0.227	+0.291	81.4	423 424	38 3082
7492	7.9	2 37.29	2.0358	0.0023	37 47 3.7	0.229	0.296	80.6	279 282	37 3019
7493	9.2	2 39.60	1.9667	0.0023	39 35 26.2	0.233	0.287	80.5	254 265	39 3321
7494	8.4	2 44.92	2.0897	0.0022	36 18 55.2	0.240	0.304	80.5	258 268	36 3020
7495	7.8	2 45.14	2.0864	0.0022	36 24 19.7	0.241	0.304	80.5	258 268	36 3019
7496	8.5	18 3 1.92	+1.9450	+0.0023	+40 8 10.0	+0.265	+0.284	80.5	246 252	40 3290
7497	9.1	3 16.34	2.0462	0.0023	37 30 28.2	0.286	0.298	80.6	279 282	37 3023
7498	8.4	3 18.13	2.0834	0.0022	36 29 25.2	0.289	0.304	80.5	263 264	36 3024
7499	9.0	3 30.64	2.0844	0.0022	36 27 48.0	0.307	0.304	80.5	272 276	36 3025
7500	9.1	3 32.02	1.9857	0.0023	39 6 11.7	0.309	0.289	80.5	254 265	39 3324

[1] Z.252 [9.0]   [2] BD 8.7

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7501	8.6	18h 3m 35s.32	+1s.9872	+0s.0023	+39° 4′ 0″.1	+0″.314	+0″.290	80.5	267 270	39° 3325
7502	9.0	3 41.42	2.0764	0.0022	36 41 3.8	0.323	0.303	80.5	263 264	36 3026
7503	5.9	3 42.04	2.0871	0.0022	36 23 20.7	0.324	0.304	88.7	10 Beob. [1]	36 3027
7504	8.8	3 44.09	2.0628	0.0022	37 3 22.4	0.327	0.301	80.5	272 276	37 3025
7505	7.4	3 55.61	1.9544	0.0023	39 54 11.6	0.344	0.285	80.5	267 270	39 3327
7506	8.9	18 3 59.55	+1.9464	+0.0023	+40 6 16.2	+0.349	+0.284	80.5	246 252	40 3294
7507	8.9	4 18.87	1.9870	0.0023	39 4 26.6	0.378	0.290	81.4	420 421	39 3329
7508	8.0	4 22.06	2.0213	0.0023	38 10 32.3	0.382	0.295	81.4	422 425	38 3087
7509	8.3	4 34.30	1.9881	0.0023	39 2 40.3	0.400	0.290	80.5	254 265	39 3330
7510	9.1	4 36.46	2.1309	0.0022	35 9 14.6	0.403	0.311	80.5	256 260	35 3161
7511	9.2	18 4 38.70	+2.0184	+0.0023	+38 15 11.3	+0.406	+0.294	81.4	423 424	38 3088
7512	9.2	4 40.40	2.1204	0.0022	35 27 20.4	0.409	0.309	80.5	258 268	35 3162
7513	8.8	4 44.69	2.0012	0.0023	38 42 16.9	0.415	0.292	81.4	420 421	38 3089
7514	9.2	4 52.57	2.1372	0.0022	34 58 32.4	0.427	0.312	80.5	256 260	34 3135
7515	9.0	4 59.69	2.0988	0.0022	36 3 54.5	0.437	0.306	80.5	272 276	36 3035
7516	9.2	18 5 1.98	+1.9848	+0.0022	+39 7 48.6	+0.440	+0.289	80.5	267 270	39 3331
7517	8.8	5 1.98	2.0382	0.0022	37 43 33.2	0.440	0.297	81.4	423 424	37 3031
7518	8.4	5 6.36	2.0833	0.0022	36 29 46.6	0.447	0.304	80.6	279 282	36 3036
7519	8.3	5 8.16	2.1016	0.0022	35 59 7.6	0.449	0.306	80.5	258 268	35 3164
7520	8.4	5 11.61	2.1190	0.0022	35 29 40.9	0.455	0.309	80.5	263 264	35 3165
7521	8.6	18 5 21.78	+1.9877	+0.0022	+39 3 27.1	+0.469	+0.290	80.5	246 252	39 3334
7522	7.9	5 22.85	1.9929	0.0022	38 55 21.6	0.471	0.290	81.4	420 421	38 3093
7523	9.2	5 28.12	1.9646	0.0022	39 38 51.9	0.478	0.287	80.5	254 265	39 3335
7524	5.8	5 29.03	2.0110	0.0022	38 27 0.6	0.480	0.293	81.4	422 425	38 3095
7525	5.8	5 38.06	2.0853	0.0022	36 26 32.3	0.493	0.304	86.1	10 Beob. [2]	36 3039
7526	7.7	18 5 47.87	+1.9564	+0.0022	+39 51 31.1	+0.507	+0.285	80.5	246 252	39 3336
7527	9.1	5 48.16	2.0369	0.0022	37 45 51.2	0.508	0.297	80.6	279 282	37 3033
7528	9.2	5 52.90	2.1258	0.0022	35 18 10.9	0.515	0.310	80.5	256 260	35 3167
7529	7.2	6 0.80	2.1313	0.0022	35 8 51.7	0.526	0.310	87.0	258 268 697 698	35 3168
7530	8.3	6 8.71	1.9880	0.0022	39 3 3.9	0.538	0.290	89.2	265 697 698	39 3339
7531	9.2	18 6 38.76	+2.1157	+0.0022	+35 35 40.7	+0.581	+0.308	80.5	263 264	35 3171
7532	8.8	6 40.45	2.0788	0.0022	36 37 32.9	0.584	0.303	80.5	272 276	36 3041
7533	9.1	6 41.56	1.9532	0.0022	39 56 32.6	0.586	0.285	87.1	267 270 699 700	39 3342
7534	7.2	6 45.18	1.9926	0.0022	38 56 4.8	0.591	0.290	81.4	420 421	38 3100
7535	8.5	6 47.61	2.1426	0.0022	34 49 29.7	0.594	0.312	80.5	256 260	34 3148
7536	9.0	18 7 0.94	+2.1395	+0.0022	+34 54 49.3	+0.614	+0.312	80.5	258 268	34 3150
7537	7.3	7 4.49	1.9873	0.0022	39 4 21.9	0.619	0.290	80.5	254 265	39 3343
7538	9.0	7 24.59	1.9599	0.0022	39 46 33.1	0.648	0.286	80.5	267 270	39 3345
7539	8.8	7 24.88	2.0191	0.0022	38 14 31.1	0.649	0.294	81.4	422 425	38 3103
7540	8.5	7 25.67 [3]	2.0399	0.0022	37 41 19.5	0.649	0.297	94.5 90.1	6 Beob. [3]	37 3039
7541	9.0	18 7 26.04	+2.0075	+0.0022	+38 32 49.7	+0.650	+0.292	81.4	423 424	38 3102
7542	8.8	7 29.57	2.0515	0.0022	37 22 32.9	0.655	0.299	80.6	279 282	37 3040
7543	8.5	7 32.37	2.0335	0.0022	37 51 30.9	0.660	0.296	81.6	433 449	37 3041
7544	8.8	7 35.77	2.0148	0.0022	38 21 19.1	0.665	0.294	87.5	420 421 699 700	38 3104
7545	8.7	7 50.40	1.9523	0.0022	39 58 6.7	0.686	0.284	80.5	246 252	39 3349
7546	8.8	18 7 58.97	+2.0018	+0.0022	+38 41 55.5	+0.698	+0.292	81.4	422 425	38 3106
7547	8.9	7 59.60	2.0042	0.0022	38 38 18.5	0.699	0.292	80.5	267 270	38 3105
7548	8.1	8 5.23	2.1181	0.0021	35 31 54.6	0.708	0.308	80.5	256 258 260 268	35 3177
7549	8.7	8 6.90	1.9984	0.0021	38 47 18.2	0.710	0.291	81.4	422 425	38 3107
7550	7.6	8 11.46	2.0423	0.0021	37 37 42.4	0.717	0.297	81.4	423 424	37 3043

[1] Z. 422 425 697 698 699 700; M 191 198 304 305 [2] Z. 263 264 423 424 699 700; M 191 198 304 305
[3] Z. 423 [23s.05] 424 [25s.00] 697 698; M 334 335

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7551	9.2	18^h 8^m $11^s.66$	+2^s.1175	+0^s.0021	+35° 32′ 52″.2	+0″.717	+0″.308	93.5	697 698	35° 3180
7552	9.1	8 19.05	2.0477	0.0021	37 28 58.0	0.728	0.298	81.6	M 196 197	37 3045
7553	9.0	8 21.36	2.1333	0.0021	35 5 56.0	0.731	0.311	80.5	256 260	[35 3181]
7554	9.4	8 21.46	2.1052	0.0021	35 53 47.0	0.731	0.307	87.1	263 700	35 3183
7555	7.8	8 25.91	2.0070	0.0021	38 33 58.4	0.738	0.292	81.4	420 421	38 3109
7556	8.7	18 8 29.93	+1.9441	+0.0021	+40 10 36.8	+0.744	+0.283	93.5	699 700	40 3310
7557	9.1	8 42.64	2.0679	0.0021	36 56 4.1	0.762	0.301	80.5	272 276	36 3054
7558	8.2	8 44.34	2.0181	0.0021	38 16 26.8	0.765	0.294	81.6	433 449	38 3111
7559	9.2	8 44.84	2.1129	0.0021	35 40 50.3	0.765	0.308	80.5	263 264	35 3185
7560	7.9	8 49.80	2.1311	0.0021	35 9 46.8	0.772	0.310	80.5	258 268	35 3186
7561	9.1	18 8 53.98	+2.1131	+0.0021	+35 40 35.9	+0.779	+0.308	93.5	697 698	35 3187
7562	5.4	8 54.65	2.0004	0.0021	38 44 23.8	0.780	0.291	83.9	5 Beob.[1]	38 3113
7563	8.4	8 54.86	2.0189	0.0021	38 15 15.9	0.780	0.294	81.6	433 449	38 3112
7564	8.7	8 56.21	1.9788	0.0021	39 18 8.3	0.782	0.288	80.5	246 252	39 3356
7565	8.6	9 0.49	1.9736	0.0021	39 26 2.4	0.788	0.287	80.5	254 265	39 3357
7566	8.5	18 9 0.89	+2.0974	+0.0021	+36 7 9.2	+0.789	+0.305	80.6	279 282	36 3055
7567	9.2	9 2.23	2.1228	0.0021	35 24 5.6	0.791	0.309	80.5	272 276	35 3188
7568	9.0	9 10.62	2.0679	0.0021	36 56 18.8	0.803	0.301	80.6	279 282	36 3057
7569	8.5	9 25.18	1.9631	0.0021	39 42 14.6	0.824	0.286	80.5	267 270	39 3362
7570	8.8	9 28.87	2.0807	0.0021	36 35 8.7	0.829	0.303	80.5	272 276	36 3059
7571	8.8	18 9 39.99	+2.0610	+0.0021	+37 7 39.7	+0.846	+0.300	81.4	420 421	37 3051
7572	9.6	9 44.44	2.0867	0.0021	36 25 16.7	0.851	0.304	92.3	6 Beob.[2]	36 3061
7573	8.5	9 45.07	2.0963	0.0021	36 9 11.2	0.853	0.305	87.1	258 268 699 700	36 3062
7574	9.2	9 52.19	2.1089	0.0021	35 47 54.3	0.863	0.307	80.5	256 260	35 3191
7575	7.7	10 30.05	2.0897	0.0021	36 20 30.1	0.919	0.304	80.5	272 276	36 3064
7576	8.8	18 10 35.81	+2.0792	+0.0021	+36 37 54.9	+0.927	+0.303	80.6	279 282	36 3066
7577	8.0	10 38.33	2.0522	0.0021	37 22 22.2	0.931	0.299	81.4	420 421	37 3056
7578	9.1	10 43.30	2.0586	0.0021	37 11 54.5	0.938	0.300	81.4	423 424	37 3057
7579	7.5	10 47.20	1.9637	0.0021	39 41 40.4	0.943	0.286	80.5	246 252	39 3366
7580	8.8	10 52.53	1.9575	0.0021	39 51 10.0	0.951	0.285	80.5	254 265	39 3367
7581	8.4	18 10 58.82	+2.0757	+0.0021	+36 43 54.7	+0.960	+0.302	80.5	258 268	36 3067
7582	8.9	11 9.26	2.0927	0.0021	36 15 36.7	0.976	0.305	80.5	263 264	36 3069
7583	7.5	11 27.40	2.1404	0.0021	34 55 7.8	1.002	0.311	80.5	256 260	34 3162
7584	9.3	11 34.58	2.1176	0.0021	35 33 50.6	1.013	0.308	80.5	256 260	35 3199
7585	8.2	11 41.25	2.0446	0.0021	37 34 57.8	1.022	0.297	80.5	267 270	37 3061
7586	8.5	18 11 55.42	+2.0886	+0.0021	+36 22 45.0	+1.043	+0.304	80.5	258 268	36 3076
7587	7.9	11 56.34	1.9778	0.0021	39 20 33.6	1.044	0.288	80.5	246 252 265	39 3369
7588	8.4	11 56.52	1.9924	0.0021	38 57 53.8	1.044	0.290	80.5	267 270	38 3128
7589	8.9	12 5.60	1.9783	0.0021	39 19 47.4	1.058	0.288	89.1	254 697 698	39 3371
7590	9.0	12 15.60	2.0906	0.0021	36 19 36.6	1.072	0.304	84.8	263 264 699	[36 3077]
7591	8.9	18 12 20.49	+2.0904	+0.0021	+36 19 57.6	+1.079	+0.304	93.5	M 303 304 305	36 3078
7592	8.3	12 24.21	2.0669	0.0021	36 59 0.0	1.085	0.301	80.5	272 276	36 3079
7593	9.2	12 33.08	1.9940	0.0020	38 55 42.2	1.098	0.290	80.5	267 270	38 3129
7594	9.1	12 35.03	2.0204	0.0020	38 14 8.9	1.101	0.294	87.0	254 265 697 698	38 3130
7595	8.4	12 38.15	2.0493	0.0020	37 27 47.5	1.105	0.298	80.5	272 276	37 3065
7596	8.3	18 12 58.93	+2.1263	+0.0020	+35 19 29.9	+1.135	+0.309	80.5	258 268	35 3205
7597	9.2	13 10.87	2.0882	0.0020	36 24 1.1	1.153	0.304	80.5	263 264	36 3081
7598	9.2	13 11.54	2.1421	0.0020	34 52 16.7	1.154	0.311	80.5	256 260	34 3173
7599	9.1	13 19.94	2.0301	0.0020	37 58 58.7	1.166	0.295	80.5	246 252	37 3068
7600	8.2	13 39.60	2.0322	0.0020	37 56 0.7	1.195	0.295	80.5	6 Beob.[3]	37 3070

[1] Z. 423 424 425; M 183 304 [2] Z. 263 697 698; M 335; R(2) [3] Z. 246 252 254 265 267 270

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7601	9.5	$18^h\ 13^m\ 54^s.11$	$+2^s.0936$	$+0^s.0020$	+36° 15′ 15″.8	$+1^s.216$	$+0^s.305$	80.5	258 268	36° 3083
7602	9.0	14 35.76	2.0848	0.0020	36 30 11.6	1.276	0.303	80.5	263 264	36 3089
7603	9.2	14 36.00	2.0825	0.0020	36 34 2.3	1.277	0.303	80.5	272 276	36 3090
7604	8.6	14 36.89	2.1350	0.0020	35 5 14.5	1.278	0.310	80.5	256 260	35 3212
7605	9.0	14 47.46	2.1026	0.0020	36 0 32.7	1.293	0.306	80.5	263 264	36 3091
7606	8.5	18 14 48.77	+2.0445	+0.0020	+37 36 25.9	+1.295	+0.297	80.6	279 282	37 3075
7607	7.3	14 50.95	1.9835	0.0020	39 12 56.5	1.298	0.288	80.5	246 252	39 3380
7608	9.0	15 3.18	2.0330	0.0020	37 55 8.5	1.316	0.294	81.4	420 421	37 3078
7609	9.1	15 3.96	1.9644	0.0020	39 42 19.1	1.317	0.285	80.5	254 265	39 3382
7610	8.5	15 5.82	2.1143	0.0020	35 40 57.5	1.320	0.307	80.5	256 260	35 3215
7611	8.5	18 15 16.27	+2.1187	+0.0020	+35 33 23.2	+1.335	+0.308	80.5	258 268	35 3216
7612	9.0	15 19.90	2.0828	0.0020	36 33 56.2	1.341	0.303	80.5	272 276	36 3092
7613	8.9	15 24.22	2.0510	0.0020	37 26 12.0	1.347	0.298	80.5	263 264	37 3079
7614	4.8	15 28.82	2.1028	0.0020	36 0 34.7	1.354	0.305	88.7	10 Beob. [1]	36 3094
7615	7.9	15 36.93	1.9906	0.0020	39 2 16.4	1.365	0.289	80.5	267 270	39 3383
7616	9.1	18 15 41.17	+2.0808	+0.0020	+36 37 25.9	+1.372	+0.302	87.1	258 268 699 700	36 3097
7617	8.2	15 42.52	1.9711	0.0020	39 32 32.6	1.373	0.286	80.5	246 252	39 3385
7618	9.2	15 47.42	1.9667	0.0020	39 39 17.4	1.381	0.285	87.1	254 265 697 698	39 3386
7619	8.3	15 52.57	2.0109	0.0020	38 30 38.5	1.388	0.292	81.4	420 421	38 3138
7620	9.3	15 53.18	1.9963	0.0020	38 53 35.9	1.389	0.290	81.4	423 424	38 3139
7621	8.4	18 16 1.28	+1.9922	+0.0020	+39 0 7.4	+1.401	+0.289	80.5	267 270	39 3388
7622	8.5	16 6.67	2.0466	0.0020	37 33 51.6	1.409	0.297	80.6	279 282	37 3084
7623	7.9	16 25.86	1.9603	0.0019	39 49 18.2	1.437	0.284	80.5	267 270	39 3391
7624	9.0	16 26.92	2.0823	0.0020	36 35 15.7	1.438	0.302	80.5	256 260	36 3098
7625	9.1	16 37.52	2.0874	0.0020	36 26 54.3	1.453	0.303	80.5	258 268	36 3099
7626	9.2	18 16 39.96	+2.0363	+0.0020	+37 50 35.4	+1.457	+0.295	80.6	279 282	37 3086
7627	9.5	16 43.05	2.1410	0.0020	34 55 44.1	1.462	0.310	80.5	256 260	34 3184
7628	8.3	16 43.05	2.0190	0.0020	38 18 13.2	1.462	0.293	89.5	420 697 698	38 3144
7629	8.5	16 47.83	1.9926	0.0020	38 59 50.8	1.468	0.289	80.5	246 252	38 3145
7630	8.7	16 56.11	2.0718	0.0020	36 52 53.9	1.481	0.301	80.5	263 264	36 3100
7631	9.0	18 16 57.76	+2.0468	+0.0020	+37 33 54.2	+1.483	+0.297	81.4	422 425	37 3088
7632	9.4	17 20.43	1.9896	0.0020	39 4 52.4	1.516	0.289	87.1	254 265 699 700	39 3397
7633	9.1	17 21.28	2.0316	0.0020	37 58 27.3	1.517	0.294	89.5	423 697 698	37 3091
7634	9.2	17 26.40	2.0159	0.0020	38 23 32.8	1.525	0.292	87.5	420 421 699 700	38 3148
7635	8.0	17 27.43	2.0202	0.0020	38 16 47.4	1.526	0.293	80.5	267 270	38 3150
7636	9.2	18 17 40.15	+2.0539	+0.0019	+37 22 37.4	+1.545	+0.298	81.1	272 276 433 449	37 3095
7637	8.7	17 45.09	2.0436	0.0019	37 39 25.2	1.552	0.296	81.4	422 425	37 3097
7638	7.7	17 46.40	2.0951	0.0019	36 14 34.4	1.554	0.304	80.5	258 263 264 268	36 3101
7639	9.1	17 56.79	1.9519	0.0018	40 2 52.9	1.569	0.283	87.0	246 252 697 698	40 3349
7640	8.1	18 5.46	2.0737	0.0019	36 50 26.5	1.581	0.301	80.5	272 276	36 3104
7641	8.5	18 18 9.87	+2.0359	+0.0019	+37 52 8.5	+1.588	+0.295	81.4	423 424	37 3099
7642	8.5	18 11.04	2.0608	0.0019	37 11 43.0	1.589	0.299	81.4	420 421	37 3100
7643	9.6[2]	18 15.41	2.0835	0.0019	36 34 12.5	1.596	0.302	80.6	279 282	36 3105
7644	8.7	18 17.96	2.1377	0.0019	35 2 22.0	1.600	0.310	87.1	256 260 699 700	35 3228
7645	9.0	18 30.35	2.0969	0.0019	36 12 5.2	1.618	0.304	80.5	272 276	36 3107
7646	8.0	18 18 31.84	+1.9856	+0.0019	+39 11 47.0	+1.620	+0.288	80.5	254 265	39 3402
7647	8.8	18 52.33	2.1414	0.0019	34 56 22.1	1.650	0.310	80.5	256 260	34 3189
7648	8.5	18 55.33	1.9757	0.0019	39 27 12.4	1.654	0.286	80.5	254 265	39 3403
7649	9.3	18 58.31	2.0990	0.0019	36 8 46.6	1.658	0.304	80.5	263 264	36 3109
7650	9.3	19 9.01	1.9676	0.0019	39 39 41.9	1.674	0.285	80.5	267 270	39 3405

[1] Z. 697 698 699 700; M 183 186 191 198 304 305

[2] 9.2 9.9; BD 9.0

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7651	7.6	18h 19m 10s.53	+2s.0224	+0s.0019	+38° 14' 19".2	+1".676	+0".293	80.5	246 252	38° 3157
7652	6.3	19 31.37	2.0210	0.0019	38 16 44.3	1.706	0.293	80.5	267 270	38 3159
7653	8.6	19 32.07	2.1171	0.0019	35 38 26.0	1.707	0.307	80.5	258 268	35 3234
7654	9.1	19 45.55	2.0603	0.0019	37 13 25.5	1.727	0.299	80.5	272 276	37 3108
7655	6.4	19 46.24	2.0062	0.0019	38 40 21.4	1.728	0.291	80.5	246 252 254 265	38 3160
7656	8.7	18 19 53.27	+2.1018	+0.0019	+36 4 41.4	+1.738	+0.305	80.5	258 268	36 3114
7657	8.3	20 0.67	2.0452	0.0019	37 38 16.0	1.749	0.296	80.6	279 282	37 3109
7658	5.2	20 6.74	1.9767	0.0019	39 26 24.7	1.758	0.286	87.5	12 Beob. [1]	39 3410
7659	8.5	20 16.31	2.1440	0.0019	34 52 43.8	1.773	0.311	80.5	256 260	34 3197
7660	9.2	20 25.13	2.0736	0.0019	36 52 5.2	1.784	0.301	80.5	263 264	36 3117
7661	7.7	18 20 33.69	+2.1412	+0.0019	+34 57 45.8	+1.797	+0.310	80.5	256 260	34 3200
7662	8.1	21 10.66	2.0182	0.0019	38 22 13.7	1.850	0.292	80.5	254 265	38 3166
7663	9.1	21 15.82	1.9942	0.0019	39 0 4.2	1.858	0.289	80.5	267 270	38 3167
7664	7.0	21 20.64	2.1307	0.0019	35 16 19.0	1.865	0.309	80.5	263 264	35 3240
7665	8.1	21 29.92	1.9924	0.0019	39 3 4.5	1.878	0.289	80.5	246 252	39 3414
7666	9.1	18 21 30.78	+2.0962	+0.0019	+36 15 10.8	+1.880	+0.304	80.5	272 276	36 3124
7667	9.4	21 37.50	2.1457	0.0019	34 50 33.5	1.889	0.311	80.5	258 268	34 3203
7668	8.9	21 43.09	2.1256	0.0019	35 25 22.0	1.898	0.308	80.5	258 268	35 3244
7669	9.0	22 0.17	2.0040	0.0019	38 45 16.9	1.922	0.290	80.5	254 265	38 3171
7670	8.5	22 11.58	2.0918	0.0019	36 22 58.0	1.939	0.303	80.6	279 282	36 3128
7671	8.2	18 22 14.29	+2.1182	+0.0019	+35 38 22.1	+1.943	+0.307	80.5	263 264	35 3250
7672	8.8	22 15.88	2.0831	0.0019	36 37 28.8	1.945	0.302	87.1	279 282 697 698	36 3129
7673	9.1	22 18.09	2.0508	0.0019	37 30 44.4	1.948	0.297	80.5	267 270	37 3119
7674	8.1	22 18.46	2.1023	0.0019	36 5 26.1	1.949	0.304	81.4	420 421	36 3130
7675	8.8	22 26.59	2.0239	0.0019	38 14 3.9	1.961	0.293	80.5	254 265	38 3175
7676	8.7	18 22 28.49	+2.0870	+0.0019	+36 31 7.5	+1.963	+0.302	81.4	423 424	36 3132
7677	8.3	22 33.20	2.1056	0.0018	35 59 57.9	1.970	0.305	80.5	272 276	35 3251
7678	8.3	22 33.65	1.9917	0.0018	39 4 55.4	1.971	0.288	80.5	246 252	39 3419
7679	9.2	22 34.26	2.1433	0.0018	34 55 24.0	1.972	0.310	80.5	256 260	34 3209
7680	8.4	22 35.11	2.0563	0.0018	37 21 56.8	1.973	0.298	81.4	420 421	37 3120
7681	8.4	18 22 38.05	+2.1073	+0.0018	+35 57 15.8	+1.977	+0.305	80.5	272 276	35 3252
7682	9.1	22 40.78	2.1156	0.0018	35 43 8.8	1.981	0.306	87.1	263 264 697 698	35 3253
7683	8.0	22 47.25	2.0842	0.0018	36 36 3.6	1.991	0.302	80.6	279 282	36 3134
7684	8.2	22 53.85	2.1253	0.0018	35 26 42.4	2.000	0.308	80.5	258 268	35 3255
7685	8.9	23 7.74	1.9849	0.0018	39 15 50.4	2.020	0.287	80.5	246 252	39 3423
7686	8.2	18 23 8.81	+2.1417	+0.0018	+34 58 33.4	+2.022	+0.310	80.5	256 260	34 3211
7687	9.0	23 48.39	1.9507	0.0017	40 8 38.3	2.079	0.282	80.5	246 252	40 3378
7688	9.2	23 55.77	2.0730	0.0018	36 55 27.0	2.090	0.300	80.5	263 264	36 3141
7689	9.1	24 1.29	1.9831	0.0018	39 19 22.4	2.099	0.287	80.5	254 265	39 3427
7690	8.4	24 13.74	1.9599	0.0017	39 55 2.3	2.116	0.283	80.5	267 270	39 3428
7691	8.6	18 24 22.54	+2.1404	+0.0018	+35 1 45.3	+2.129	+0.309	87.1	256 260 697 698	35 3261
7692	8.7	24 23.35	2.0001	0.0018	38 53 5.4	2.130	0.289	81.4	420 421	38 3185
7693	8.1	24 23.98	2.0076	0.0018	38 41 22.6	2.131	0.290	81.4	423 424	38 3186
7694	8.5	24 24.16	2.0642	0.0018	37 10 19.3	2.131	0.299	80.5	272 276	37 3130
7695	7.9	24 26.59	2.1164	0.0018	35 42 58.7	2.134	0.306	80.5	258 268	35 3262
7696	8.7	18 24 26.83	+2.1112	+0.0018	+35 51 54.3	+2.135	+0.305	80.5	258 268	35 3263
7697	9.0	24 30.60	1.9961	0.0018	38 59 26.6	2.141	0.289	81.4	420 421	38 3188
7698	9.4	24 31.18	2.0941	0.0018	36 20 47.5	2.141	0.303	80.5	263 264	36 3146
7699	8.6	24 35.63	1.9513	0.0017	40 8 26.6	2.148	0.282	80.5	246 252	40 3381
7700	8.8	25 0.88	1.9691	0.0017	39 41 42.3	2.185	0.284	80.5	254 265	39 3430

[1] Z. 697 698 699 700; M 181 182 183 184 185 186 304 305

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7701	9.5	18h 25m 12s.04	+2s.0520	+0s.0018	+37° 30′ 50″.8	+2″.201	+0″.296	81.4	423 424	37° 3135
7702	8.7	25 20.38	2.0237	0.0018	38 16 35.5	2.213	0.292	81.4	420 421	38 3190
7703	8.5	25 28.38	1.9635	0.0017	39 50 37.9	2.224	0.283	80.5	267 270	39 3431
7704	8.2	25 28.76	2.1311	0.0018	35 18 35.9	2.225	0.308	80.5	256 260	35 3266
7705	9.0	25 34.39	2.0353	0.0018	37 58 14.6	2.233	0.294	81.4	422 425	37 3139
7706	9.0	18 25 42.75	+2.0682	+0.0018	+37 4 41.9	+2.245	+0.299	81.6	433 449	37 3140
7707	8.4	25 43.03	2.0721	0.0018	36 58 21.5	2.246	0.300	80.5	272 276	36 3154
7708	9.4	25 43.77	2.0889	0.0018	36 30 25.2	2.247	0.302	94.8	697; M 334 335	36 3155
7709	9.0	25 49.24	1.9669	0.0017	39 45 45.0	2.255	0.284	80.5	246 252	39 3436
7710	9.2	25 52.16	2.0816	0.0018	36 42 48.9	2.259	0.301	80.5	272 276	36 3156
7711	7.5	18 25 53.59	+2.0662	+0.0018	+37 8 9.3	+2.261	+0.299	81.4	423 424	37 3141
7712	9.5	25 57.81	2.1259	0.0018	35 27 51.3	2.267	0.308	80.5	258 268	35 3267
7713	9.1	26 0.29	2.1228	0.0018	35 33 15.8	2.271	0.307	87.1	256 260 697 698	35 3268
7714	8.8	26 0.81	2.1199	0.0018	35 38 20.3	2.271	0.307	80.5	263 264	35 3269
7715	7.7	26 11.83	2.1014	0.0018	36 9 47.9	2.287	0.304	81.6	443 446	36 3157
7716	8.7	18 26 15.28	+2.0985	+0.0018	+36 14 44.8	+2.292	+0.303	81.6	433 449	36 3159
7717	8.4	26 25.83	1.9806	0.0017	39 25 10.0	2.308	0.286	80.5	254 265	39 3438
7718	8.8	26 30.95	2.0285	0.0018	38 9 49.3	2.315	0.293	81.0	267 270 422 425	38 3198
7719	9.0	26 32.11	2.0909	0.0018	36 27 43.7	2.317	0.302	80.6	279 282	36 3160
7720	8.8	26 39.01	2.0893	0.0018	36 30 35.7	2.327	0.302	80.6	279 282	36 3161
7721	8.6	18 26 40.00	+2.0139	+0.0018	+38 33 13.0	+2.328	+0.291	81.4	423 424	38 3200
7722	9.0	26 40.46	2.0994	0.0018	36 13 39.6	2.329	0.303	80.5	272 276	36 3162
7723	7.3	26 43.57	2.1439	0.0018	34 57 28.8	2.333	0.310	80.5	256 260	34 3226
7724	8.9	26 45.12	2.0339	0.0018	38 1 24.7	2.336	0.293	81.6	443 446	38 3202
7725	8.7	26 45.35	1.9540	0.0017	40 6 4.1	2.336	0.282	80.5	246 252	40 3396
7726	9.5	18 26 55.54	+2.0454	+0.0018	+37 43 1.9	+2.351	+0.295	87.5	433 697	37 3146
7727	9.3	26 55.72	2.1097	0.0018	35 56 20.4	2.351	0.305	80.5	258 268	35 3277
7728	8.9	27 5.33	1.9715	0.0017	39 39 51.0	2.365	0.284	80.5	267 270	39 3442
7729	8.7	27 7.36	1.9556	0.0017	40 4 6.1	2.368	0.282	87.0	254 265 699 700	40 3401
7730	8.4	27 14.71	2.0663	0.0018	37 9 14.4	2.378	0.298	81.6	443 446	37 3148
7731	8.6	18 27 14.71	+2.0242	+0.0018	+38 17 28.0	+2.378	+0.292	81.4	423 424	38 3205
7732	8.5	27 17.89	1.9908	0.0017	39 10 6.8	2.383	0.287	81.4	420 421	39 3443
7733	9.0	27 19.73	1.9617	0.0017	39 54 57.6	2.386	0.283	81.4	420 421	39 3444
7734	8.6	27 21.17	2.1238	0.0018	35 32 50.2	2.388	0.307	80.5	263 264	35 3278
7735	8.2	27 22.45	1.9661	0.0017	39 48 12.2	2.390	0.283	80.5	267 270	39 3445
7736	9.1	18 27 23.34	+2.0095	+0.0017	+38 40 51.1	+2.391	+0.290	89.2	425 697 698	38 3206
7737	8.5	27 28.09	2.1241	0.0018	35 32 20.5	2.398	0.306	80.5	258 268	35 3279
7738	8.0	27 54.77	2.0962	0.0017	36 20 5.4	2.436	0.302	80.5	256 260	36 3167
7739	9.1	27 55.99	2.0119	0.0017	38 37 35.3	2.438	0.290	80.8	254 265 425	38 3207
7740	8.0	28 0.53	2.0757	0.0017	36 54 26.6	2.445	0.300	80.5	263 264	36 3168
7741	8.7	18 28 2.70	+1.9895	+0.0016	+39 12 50.1	+2.448	+0.287	80.5	246 252	39 3450
7742	8.6	28 7.84	2.0874	0.0017	36 34 57.0	2.455	0.301	80.5	272 276	36 3170
7743	8.6	28 17.47	2.0465	0.0017	37 42 29.2	2.469	0.295	81.4	423 424	37 3155
7744	8.9	28 22.44	2.0950	0.0017	36 22 27.3	2.476	0.302	80.6	279 282	36 3173
7745	9.2	28 26.13	2.0977	0.0017	36 18 1.0	2.482	0.303	80.6	276 279 282	36 3174
7746	7.3	18 28 32.60	+2.0066	+0.0016	+38 46 22.6	+2.491	+0.289	81.5	420 421 449	38 3211
7747	7.9	28 35.53	2.0603	0.0017	37 20 16.8	2.495	0.297	81.4	422 425	37 3156
7748	9.6	28 37.31	2.0981	0.0017	36 17 35.4[1]	2.498	0.303	92.8 92.3	7 Beob.[1]	36 3177
7749	7.0	28 40.47	2.0079	0.0016	38 44 34.7	2.503	0.289	81.6	433 449	38 3213
7750	8.7	28 45.68	2.0490	0.0017	37 38 46.2	2.510	0.296	81.4	423 424	37 3157

[1] Z. 272 697 698; M 334 335 [29″.6]; R(2)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7751	8.7	18h 29m 3s.72	+2s.1411	+0s.0017	+35° 4' 22".3	+2".536	+0".309	80.5	256 260	35° 3288
7752	8.6	29 7.05	2.1302	0.0017	35 23 11.7	2.541	0.307	80.5	258 268	35 3289
7753	7.2	29 10.28	1.9570	0.0017	40 3 48.5	2.546	0.282	80.5	254 265	40 3411
7754	9.3	29 11.59	1.9877	0.0016	39 16 39.2	2.548	0.287	80.5	267 270	39 3454
7755	8.6	29 16.36	2.0989	0.0016	36 16 46.1	2.554	0.303	80.5	263 264	36 3182
7756	8.2	18 29 21.68	+1.9801	+0.0017	+39 28 35.9	+2.563	+0.285	80.5	246 252	39 3455
7757	8.2	29 40.36	2.0675	0.0016	37 9 22.6	2.589	0.298	81.4	422 425	37 3161
7758	8.7	29 47.63	2.1041	0.0017	36 8 28.8	2.600	0.303	80.5	263 264	36 3186
7759	9.4	29 48.07	1.9966	0.0016	39 3 18.3	2.600	0.288	80.5	254 265	39 3457
7760	8.8	29 48.78	2.1423	0.0017	35 3 4.5	2.601	0.309	80.5	258 268	35 3292
7761	8.5	18 29 50.08	+2.0202	+0.0017	+38 26 14.2	+2.603	+0.291	81.4	420 421	38 3217
7762	9.1	29 54.62	2.0962	0.0017	36 21 47.5	2.610	0.302	80.5	272 276	36 3187
7763	7.2	29 55.88	2.0240	0.0016	38 20 20.4	2.612	0.291	89.2	246 697 698	38 3219
7764	9.0	30 11.04	2.1081	0.0017	36 1 58.0	2.634	0.304	80.6	279 282	36 3189
7765	8.7	30 11.58	2.1012	0.0017	36 13 44.9	2.634	0.303	80.6	279 282	36 3190
7766	9.5	18 30 12.28	+2.1447	+0.0017	+34 59 5.9	+2.635	+0.309	81.2	5 Beob. [1]	34 3240
7767	7.3	30 14.94	2.1197	0.0017	35 42 22.6	2.639	0.305	80.5	258 268	35 3294
7768	9.0	30 27.93	2.0355	0.0017	38 2 18.0	2.658	0.293	81.4	422 425	38 3222
7769	8.4	30 40.47	1.9772	0.0016	39 34 21.6	2.676	0.285	80.5	267 270	39 3462
7770	9.1	30 45.63	2.0316	0.0017	38 8 45.7	2.684	0.292	87.6	449 433a 699 700	38 3226
7771	8.8	18 30 48.16	+2.0943	+0.0017	+36 25 52.1	+2.687	+0.302	80.5	263 264	36 3193
7772	9.3	30 54.92	2.0642	0.0017	37 15 56.7	2.697	0.297	80.6	279 282	37 3169
7773	7.3	30 55.12	1.9828	0.0016	39 25 51.4	2.697	0.285	80.5	271 275	39 3463
7774	9.4	31 0.13	1.9706	0.0016	39 44 44.3	2.704	0.283	81.1	283 441	39 3464
7775	8.5	31 1.05	2.0367	0.0017	38 0 53.0	2.706	0.293	81.6	443 446	37 3172
7776	9.0	18 31 7.41	+2.0013	+0.0016	+38 57 15.1	+2.715	+0.288	81.5	426 428	38 3228
7777	7.1	31 10.62	2.0075	0.0016	38 47 40.2	2.720	0.289	81.5	426 428	38 3229
7778	8.7	31 11.37	1.9921	0.0016	39 11 50.9	2.721	0.287	81.6	434 455	39 3466
7779	8.6	31 24.87	2.0016	0.0016	38 57 8.1	2.740	0.288	81.6	449 433a	38 3231
7780	8.2	31 25.05	2.0536	0.0017	37 33 58.0	2.741	0.296	81.6	443 446	37 3173
7781	8.5	18 31 30.50	+2.0803	+0.0017	+36 50 2.8	+2.748	+0.300	80.5	272 276	36 3200
7782	8.5	31 42.74	2.1410	0.0017	35 6 58.8	2.766	0.308	80.5	256 260	35 3299
7783	7.3	31 46.66	2.0793	0.0017	36 51 58.6	2.772	0.300	80.5	263 264	36 3202
7784	9.0	31 50.66	1.9617	0.0016	39 59 14.6	2.778	0.282	80.5	271 275	39 3468
7785	9.1	31 54.12	2.0920	0.0017	36 30 50.0	2.782	0.301	80.5	258 268	36 3203
7786	7.2	18 31 57.27	+2.0404	+0.0017	+37 55 55.7	+2.787	+0.293	87.1	279 282 699 700	37 3176
7787	8.9	32 1.98	2.0986	0.0017	36 19 58.7	2.794	0.302	80.5	272 276	36 3204
7788	9.3	32 4.61	1.9737	0.0016	39 41 5.2	2.798	0.284	81.1	283 441	39 3469
7789	9.1	32 7.44	1.9693	0.0016	39 47 55.2	2.802	0.283	81.6	443 446	39 3470
7790	9.0	32 19.06	2.0231	0.0016	38 23 58.7	2.818	0.291	89.5	449 699 700	38 3233
7791	9.5	18 32 26.10	+2.1490	+0.0017	+34 53 50.4	+2.829	+0.309	81.1	256 260 434 455	34 3256
7792	7.7	32 35.75	2.0227	0.0016	38 24 56.7	2.843	0.291	81.0	5 Beob. [2]	38 3237
7793	**1.0**	**32 42.40**	**2.0132**	**0.0016**	**38 40 6.4**	**2.852**	**0.289**		**Fund. Cat.**	**38 3238**
7794	8.5	32 44.14	2.0639	0.0016	37 18 21.8	2.855	0.297	80.5	263 264 272 276	37 3178
7795	8.3	33 5.86	2.1267	0.0016	35 33 11.6	2.886	0.306	80.5	258 268	35 3310
7796	7.0	18 33 14.66	+2.0508	+0.0016	+37 40 23.2	+2.899	+0.295	80.6	279 282	37 3180
7797	8.0	33 25.06	2.1464	0.0016	34 59 19.3	2.914	0.309	80.5	256 260	34 3267
7798	9.0	33 26.09	2.0387	0.0016	38 0 7.8	2.915	0.293	81.6	449 433a	37 3182
7799	7.9	33 40.69	2.0638	0.0016	37 19 35.8	2.936	0.297	80.5	272 276	37 3183
7800	8.9	33 46.96	2.0872	0.0016	36 40 48.8	2.945	0.300	80.5	263 264	36 3219

[1] Z. 256 260 423 434 455 [2] Z. 271 275 283 441 433a

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7801	9.0	$18^h\ 33^m\ 47^s.44$	+2s.1422	+0s.0016	+35° 7′ 0″.9	+2″.946	+0″.308	80.5	258 268	35° 3317
7802	9.0	33 58.05	1.9831	0.0015	39 28 40.5	2.961	0.285	80.5	271 275	39 3475
7803	6.5	33 58.80	1.9799	0.0015	39 33 33.2	2.963	0.284	81.1	283 441	39 3476
7804	8.7	33 59.31	2.0686	0.0016	37 11 55.5	2.963	0.297	81.6	443 446	37 3188
7805	8.0[1]	34 1.24	2.1135	0.0015	35 56 42.6	2.966	0.304	80.5	256 260	35 3319
7806	8.5	18 34 22.10	+1.9894	+0.0015	+39 19 19.3	+2.996	+0.286	81.1	283 441	39 3479
7807	8.6	34 35.34	1.9755	0.0015	39 41 8.9	3.015	0.284	80.5	271 275	39 3480
7808	9.0	34 47.41	2.1085	0.0016	36 6 4.6	3.033	0.303	80.6	279 282	36 3222
7809	9.3	34 48.64	2.0053	0.0015	38 54 51.8	3.034	0.288	81.6	449 433[a]	38 3247
7810	9.2	34 57.57	2.0689	0.0016	37 12 28.1	3.047	0.297	81.6	443 446	37 3192
7811	9.5	18 35 0.94	+2.1282	+0.0016	+35 32 31.9	+3.052	+0.305	87.0	258 268 699 700	35 3322
7812	8.9	35 4.14	2.1185	0.0016	35 49 18.4	3.057	0.304	80.5	256 260	35 3323
7813	8.8	35 9.20	2.1381	0.0016	35 15 35.5	3.064	0.307	80.5	263 264	35 3324
7814	9.2	35 11.25	2.1159	0.0016	35 53 49.4	3.067	0.304	80.5	272 276	35 3325
7815	8.0	35 15.03	2.0620	0.0016	37 24 15.8	3.072	0.296	81.5	426 428	37 3193
7816	8.9	18 35 17.67	+2.0508	+0.0016	+37 42 31.9	+3.076	+0.294	81.6	449 433[a]	37 3194
7817	7.7	35 26.66	2.0447	0.0016	37 52 40.6	3.089	0.293	81.1	279 282 434 455	37 3196
7818	8.6	35 30.86	2.0549	0.0016	37 36 3.8	3.095	0.294	93.5	699 700	37 3197
7819	8.5	35 34.11	1.9902	0.0015	39 19 25.0	3.100	0.285	81.1	283 441	39 3483
7820	9.2	35 34.15	2.0000	0.0015	39 4 8.4	3.100	0.287	89.5	455 701 702	39 3484
7821	8.6	18 35 34.19	+2.0061	+0.0015	+38 54 35.7	+3.100	+0.288	81.5	426 428	38 3251
7822	9.0	35 34.33	2.0520	0.0016	37 40 55.2	3.100	0.294	81.6	443 446	37 3198
7823	7.7	35 36.98	1.9637	0.0015	40 0 20.9	3.104	0.281	80.5	271 275	39 3485
7824	8.7	35 42.20	2.0691	0.0016	37 13 3.5	3.112	0.297	80.5	272 276	37 3200
7825	8.6	35 42.31	1.9981	0.0015	39 7 16.7	3.112	0.287	81.6	434 449 433[a]	39 3486
7826	8.4	18 35 57.75	+2.0556	+0.0016	+37 35 25.8	+3.134	+0.294	81.6	443 446	37 3201
7827	6.9	35 58.02	2.0311	0.0016	38 15 8.0	3.134	0.291	81.5	426 428	38 3254
7828	9.1	36 22.71	1.9684	0.0015	39 54 7.0	3.170	0.282	80.5	271 275	39 3489
7829	9.1	36 32.88	2.0900	0.0016	36 39 16.2	3.184	0.299	80.5	263 264	36 3229
7830	9.4	36 33.47	2.1255	0.0016	35 38 54.2	3.185	0.304	80.5	256 258 260 268	35 3332
7831	8.6	18 36 49.68	+2.0719	+0.0016	+37 9 44.6	+3.209	+0.297	81.6	449 433[a]	37 3205
7832	8.7	36 50.24	2.1018	0.0016	36 19 37.4	3.210	0.301	89.2	276 699 700	36 3231
7833	8.8	36 53.71	2.1015	0.0016	36 20 17.0	3.214	0.301	80.5	263 264 272	36 3232
7834	8.7	37 1.43	2.1335	0.0016	35 25 40.4	3.226	0.306	80.5	258 268	35 3335
7835	9.1	37 12.14	1.9953	0.0015	39 13 25.5	3.241	0.286	81.1	283 441	39 3493
7836	9.1	18 37 21.27	+1.9771	+0.0015	+39 41 48.8	+3.254	+0.283	80.5	271 275	39 3494
7837	9.1	37 22.15	2.1514	0.0016	34 55 0.1	3.255	0.308	80.5	256 260	34 3281
7838	9.0	37 33.03	2.1012	0.0015	36 21 34.4	3.271	0.301	80.6	279 282	36 3235
7839	8.7	37 36.47	2.0920	0.0015	36 37 9.2	3.276	0.299	89.5	443 699 700	36 3236
7840	9.0	37 36.98	2.0420	0.0015	37 59 37.3	3.277	0.292	81.5	426 428	37 3210
7841	9.0	18 37 37.46	+2.1505	+0.0015	+34 56 49.1	+3.277	+0.308	80.5	256 260	34 3284
7842	8.7	37 47.43	1.9705	0.0014	39 52 25.5	3.292	0.282	87.3	283 441 699 700	39 3498
7843	8.6	37 53.56	2.0878	0.0015	36 44 31.1	3.301	0.299	80.6	279 282	36 3237
7844	9.1	37 53.76	2.1088	0.0015	36 9 5.7	3.301	0.302	80.5	263 264	36 3238
7845	7.2	37 57.64	2.0990	0.0015	36 25 50.2	3.306	0.300	80.5	272 276	36 3239
7846	8.2	18 38 8.01	+2.0857	+0.0015	+36 48 18.9	+3.321	+0.298	80.6	279 282	36 3241
7847	7.4	38 29.25	2.0849	0.0015	36 50 8.8	3.352	0.298	80.5	272 276	36 3243
7848	8.3	38 31.21	2.0674	0.0015	37 19 11.4	3.355	0.296	81.6	449 433[a]	37 3213
7849	8.0	38 31.71	1.9748	0.0014	39 46 53.0	3.355	0.283	80.5	271 275	39 3502
7850	8.6	38 37.75	2.1458	0.0015	35 6 18.9	3.364	0.307	80.5	258 268	35 3341

[1] Dpl. bor.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7851	9.0	$18^h\ 38^m\ 40^s.43$	$+1^s.9740$	$+0^s.0014$	+39° 48′ 16″.6	$+3^s.368$	$+0^s.282$	81.1	283 441	39° 3503
7852	8.6	38 47.10	2.0578	0.0015	37 35 12.2	3.378	0.294	81.5	426 428	37 3215
7853	8.6[1]	38 55.02	2.1350	0.0015	35 25 26.4	3.389	0.305	80.5	258 268	35 3342
7854	8.2	38 58.70	2.0337	0.0015	38 14 44.4	3.394	0.291	81.6	443 446	38 3271
7855	7.7	39 4.19	2.1541	0.0015	34 52 17.9	3.402	0.308	80.5	256 260	34 3296
7856	6.5	18 39 6.67	+1.9986	+0.0014	+39 10 33.5	+3.407	+0.286	81.1	283 441	39 3505
7857	8.6	39 10.06	2.0411	0.0015	38 3 2.6	3.411	0.292	81.6	449 433[a]	38 3272
7858	6.3	39 13.31	2.0999	0.0015	36 25 45.4	3.415	0.300	80.5	263 264	36 3246
7859	9.1	39 34.41	2.0097	0.0014	38 53 48.1	3.446	0.288	81.5	426 428	38 3274
7860	6.8	39 51.60[2]	2.0284	0.0015	38 24 20.9	3.470	0.290	89.5 87.6	431 436 699 700	38 3276
7861	8.6	18 39 56.62	+2.1368	+0.0015	+35 23 29.5	+3.477	+0.305	80.5	258 268	35 3346
7862	8.8	40 1.96	2.0262	0.0015	38 28 2.5	3.485	0.290	81.6	443 446	38 3277
7863	8.6	40 3.03	2.0466	0.0015	37 55 4.8	3.487	0.292	81.1	279 282 434 455	37 3219
7864	8.9	40 5.89	2.0792	0.0015	37 1 33.9	3.491	0.297	81.6	449 433[a]	37 3221
7865	9.2	40 6.20	2.0732	0.0015	37 11 33.0	3.491	0.296	80.5	272 276	37 3220
7866	**4.5**	**18 40 11.90**	**+1.9855**	**+0.0014**	**+39 32 25.2**	**+3.499**	**+0.283**		**Fund. Cat.**	**39 3509**
7867	**4.6**	**40 14.27**	**1.9877**	**0.0014**	**39 28 58.3**	**3.503**	**0.284**		**Fund. Cat.**	**39 3510**
7868	8.9	40 21.21	2.0982	0.0015	36 30 3.1	3.513	0.299	89.2	263 699 700	36 3253
7869	8.4	40 24.25	2.0086	0.0014	38 56 32.5	3.517	0.287	81.6	431 436	38 3278
7870	4.8	40 28.10	2.0632	0.0015	37 28 32.4	3.523	0.295	87.4	10 Beob.[3]	37 3222
7871	6.0	18 40 29.95	+2.0636	+0.0015	+37 27 54.7	+3.525	+0.295	88.2	9 Beob.[4]	37 3223
7872	6.9	40 34.33	2.1549	0.0015	34 52 44.7	3.532	0.308	80.5	256 260	34 3302
7873	8.8	40 36.11	1.9769	0.0014	39 46 13.9	3.534	0.282	80.8	271 275 283 441	39 3514
7874	8.7	40 47.15	2.1368	0.0015	35 24 33.6	3.550	0.305	80.5	263 264	35 3349
7875	9.0	40 47.84	2.1366	0.0015	35 24 54.0	3.551	0.305	80.5	272 276	35 3350
7876	7.5[5]	18 40 56.17	+2.0374	+0.0015	+38 11 12.2	+3.563	+0.291	81.5	426 428	38 3280
7877	8.6	40 58.47	1.9613	0.0014	40 10 42.2	3.566	0.280	80.5	271 275	40 3478
7878	6.9	40 59.05	2.1010	0.0015	36 26 13.4	3.567	0.300	80.6	279 282	36 3256
7879	8.4	40 59.22	2.0909	0.0015	36 43 16.7	3.567	0.298	81.6	443 446	36 3257
7880	8.9	40 59.52	2.0032	0.0014	39 5 45.9	3.568	0.286	81.6	449 433[a]	39 3517
7881	9.0	18 41 2.19	+1.9921	+0.0014	+39 23 12.4	+3.572	+0.284	81.6	434 455	39 3518
7882	8.6	41 7.17	2.0769	0.0015	37 6 41.1	3.579	0.296	81.6	431 436	37 3228
7883	9.4	41 8.13	1.9997	0.0014	39 11 27.7	3.580	0.286	81.6	434 455	39 3519
7884	9.2	41 11.58	2.0645	0.0015	37 27 23.1	3.585	0.295	80.5	272 276	37 3229
7885	8.5	41 16.98	2.0348	0.0015	38 15 49.5	3.593	0.290	81.5	426 428	38 3283
7886	8.5	18 41 17.91	+2.1384	+0.0015	+35 22 20.5	+3.594	+0.305	80.5	256 260	35 3352
7887	9.3	41 22.16	2.0228	0.0014	38 35 12.8	3.600	0.289	81.6	443 446	38 3284
7888	8.8	41 22.25	2.0396	0.0015	38 8 13.4	3.600	0.291	81.6	431 436	38 3285
7889	9.1	41 23.99	2.1352	0.0015	35 28 5.3	3.603	0.304	80.5	258 268	35 3353
7890	8.4	41 31.46	1.9855	0.0014	39 34 7.0	3.614	0.284	81.1	283 441	39 3523
7891	8.4	18 41 33.25	+2.0963	+0.0015	+36 34 49.7	+3.616	+0.299	80.6	279 282	36 3261
7892	8.0	41 33.75	2.1262	0.0015	35 43 57.2	3.617	0.303	80.5	263 264	35 3355
7893	9.0	41 35.88	2.0434	0.0015	38 2 20.5	3.620	0.292	87.6	449 433[a] 699 700	38 3287
7894	9.1	41 40.11	2.0017	0.0014	39 9 3.3	3.626	0.286	81.6	434 455	39 3524
7895	8.7	41 55.28	2.1565	0.0015	34 51 33.9	3.648	0.308	80.5	256 260	34 3312
7896	8.3	18 42 1.10	+2.0030	+0.0014	+39 7 33.4	+3.656	+0.286	81.6	443 446	39 3525
7897	8.5	42 2.89	1.9635	0.0014	40 8 49.9	3.659	0.280	80.5	271 275	40 3481
7898	9.3	42 4.45	1.9837	0.0014	39 37 42.7	3.661	0.283	81.1	283 441	39 3527
7899	9.4	42 7.05	2.1317	0.0015	35 35 4.5	3.665	0.304	80.5	258 268	35 3357
7900	8.3	42 9.29	2.0383	0.0014	38 11 16.6	3.668	0.291	81.6	449 433[a]	38 3291

[1] Dpl. bor. seq. [2] Z. 431 [$50^s.37$] [3] Z. 438 457 701 702 703; M 35 208 209 307 308
[4] Z. 701 702 703; M 193 203 208 209 307 308 [5] Dpl. austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7901	7.9	18h 42m 19s.69	+2s.0373	+0s.0014	+38° 13' 11".3	+3".683	+0".290	81.5	426 428	38° 3292
7902	9.6	42 38.86	2.0527	0.0014	37 48 37.9	3.710	0.292	92.9	7 Beob. [1]	37 3234
7903	7.1	42 41.90	2.1268	0.0015	35 44 23.7	3.715	0.303	80.5	256 260	35 3361
7904	9.1	42 41.90	1.9832	0.0013	39 39 25.8	3.715	0.283	87.1	271 275 701 702	39 3529
7905	9.0	42 43.38	2.0893	0.0014	36 48 9.6	3.717	0.298	80.5	263 264	36 3266
7906	8.3	18 43 1.23	+2.0377	+0.0014	+38 13 29.9	+3.742	+0.290	81.5	426 428	38 3297
7907	9.3	43 8.75	1.9702	0.0013	40 0 0.7	3.753	0.281	81.1	283 441	39 3531
7908	9.4	43 15.23	2.0600	0.0014	37 37 37.9	3.762	0.294	87.1	279 282 699 700	37 3236
7909	8.5	43 18.51	2.0789	0.0014	37 6 22.9	3.767	0.296	80.5	272 276	37 3237
7910	9.4	43 27.63	2.0202	0.0013	38 42 14.9	3.780	0.288	87.5	443 446 701 702	38 3299
7911	8.8	18 43 29.56	+2.0143	+0.0013	+38 51 35.1	+3.783	+0.287	81.6	434 455	38 3300
7912	8.7	43 32.27	2.1213	0.0015	35 54 59.3	3.787	0.302	80.5	258 268	35 3362
7913	9.1	43 33.22	2.0114	0.0013	38 56 22.2	3.788	0.287	81.6	449 433[a]	38 3301
7914	7.1	43 42.12	2.0853	0.0014	36 56 8.6	3.801	0.297	80.5	258 268	36 3270
7915	8.5	43 59.48	2.1167	0.0015	36 3 21.0	3.826	0.301	80.5	263 264	36 3271
7916	7.6	18 44 4.24	+2.0586	+0.0014	+37 40 54.6	+3.833	+0.293	81.5	426 428	37 3239
7917	7.2	44 4.57	2.1082	0.0015	36 18 5.4	3.833	0.300	80.5	272 276	36 3272
7918	9.4	44 10.99	2.0275	0.0014	38 31 35.2	3.842	0.289	89.5	446 699 700	38 3304
7919	8.0	44 20.40	2.1286	0.0015	35 43 30.3	3.856	0.303	80.5	256 260	35 3364
7920	8.8	44 20.95	2.1037	0.0015	36 26 8.3	3.857	0.299	80.6	279 282	36 3274
7921	8.8	18 44 21.34	+1.9877	+0.0013	+39 34 39.8	+3.857	+0.283	80.5	271 275	39 3538
7922	9.5	44 34.33	2.0895	0.0014	36 50 22.4	3.876	0.297	87.0	272 276 701 702	36 3276
7923	9.2	44 42.27	2.0966	0.0014	36 38 37.9	3.887	0.298	80.5	263 264	36 3277
7924	8.3	44 46.70	1.9748	0.0013	39 55 13.4	3.893	0.281	80.5	271 275	39 3539
7925	9.5	44 53.98	2.0597	0.0014	37 40 23.6	3.904	0.293	92.9	7 Beob. [2]	37 3244
7926	9.1	18 44 56.80	+2.1533	+0.0015	+35 1 17.7	+3.908	+0.306	80.5	256 260	35 3366
7927	9.2	45 1.50	2.1510	0.0014	35 5 28.3	3.915	0.306	80.5	258 268	35 3367
7928	9.5	45 4.80	2.0155	0.0013	38 52 2.9	3.919	0.287	81.6	443 446	38 3310
7929	9.1	45 18.57	2.0623	0.0014	37 36 46.6	3.939	0.293	80.6	279 282	37 3246
7930	9.1	45 19.34	1.9950	0.0013	39 24 48.4	3.940	0.284	81.1	283 441	39 3541
7931	9.2[3]	18 45 20.31	+2.0421	+0.0014	+38 9 43.1	+3.941	+0.290	81.5	426 428	38 3311
7932	8.0	45 21.00	2.1012	0.0014	36 31 49.7	3.942	0.299	80.5	263 264	36 3281
7933	7.6	45 23.20	2.0376	0.0014	38 17 3.3	3.946	0.290	81.5	426 428	38 3312
7934	9.3	45 28.97	2.0365	0.0014	38 18 52.6	3.954	0.289	89.5	449 701 702	38 3315
7935	8.6	45 31.17	2.1473	0.0014	35 12 41.9	3.957	0.305	87.0	258 268 701 702	35 3371
7936	9.1	18 46 0.99	+1.9770	+0.0013	+39 53 45.2	+4.000	+0.281	80.5	271 275	39 3546
7937	8.8	46 1.00	2.0003	0.0013	39 17 26.2	4.000	0.284	81.1	283 441	39 3545
7938	8.7	46 13.61	2.0550	0.0014	37 50 0.3	4.018	0.292	80.6	279 282	37 3254
7939	9.2	46 18.54	2.1337	0.0014	35 37 28.8	4.025	0.303	80.5	256 260	35 3375
7940	9.1	46 24.80	2.0967	0.0014	36 40 57.4	4.034	0.298	80.5	272 276	36 3287
7941	8.6	18 46 25.51	+2.1364	+0.0014	+35 33 1.9	+4.035	+0.303	80.5	258 268	35 3376
7942	6.9	46 29.28	2.0044	0.0013	39 11 38.3	4.040	0.285	81.1	283 441	39 3551
7943	8.5	46 43.75	2.0417	0.0014	38 12 29.9	4.061	0.290	81.6	449 433[a]	38 3321
7944	9.0	46 48.23	2.1389	0.0014	35 29 14.4	4.067	0.304	80.5	256 260	35 3379
7945	9.4	46 50.14	2.0382	0.0014	38 18 16.7	4.070	0.289	81.6	443 446	38 3322
7946	9.0	18 46 52.59	+2.0860	+0.0014	+36 59 38.4	+4.073	+0.296	89.2	263 699 700	36 3291
7947	8.9	46 53.78	2.0233	0.0013	38 42 14.9	4.075	0.287	81.5	426 428	38 3323
7948	8.7	46 55.17	2.0186	0.0013	38 49 46.1	4.077	0.287	81.6	434 455	38 3324
7949	8.5	46 57.51	1.9821	0.0013	39 47 16.6	4.080	0.281	80.5	271 275	39 3552
7950	9.2	47 4.92	2.0758	0.0014	37 16 53.0	4.091	0.295	80.6	279 282	37 3257

[1] Z. 455 699 700; M 334 335; R(2) [2] Z. 433[a] 699 700; M 334 335; R(2) [3] Dpl. aeq. 17" austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7951	7.8	$18^h\ 47^m\ 7^s.84$	$+2^s.0320$	$+0^s.0013$	+38° 28' 36".3	$+4^s.095$	$+0^s.288$	81.6	431 436	38° 3327
7952	6.2	47 12.98	2.1077	0.0014	36 23 25.4	4.102	0.299	80.5	272 276	36 3295
7953	7.4	47 15.93	2.0060	0.0013	39 10 18.7	4.107	0.285	81.1	283 441	39 3553
7954	8.8	47 28.57	2.0404	0.0013	38 15 34.5	4.125	0.289	81.6	428 443 446	38 3328
7955	9.4	47 33.10	2.0148	0.0012	38 56 49.6	4.131	0.286	81.6	449 433[a]	38 3329
7956	9.0	18 47 36.23	+2.0412	+0.0013	+38 14 38.4	+4.136	+0.289	89.5	426 699 700	38 3330
7957	7.9	47 42.22	2.0733	0.0013	37 21 59.6	4.144	0.294	81.6	438 457	37 3262
7958	9.1	47 49.80	2.0846	0.0013	37 3 20.0	4.155	0.296	81.6	434 455	37 3263
7959	9.4	47 50.23	2.0998	0.0014	36 37 46.0	4.156	0.298	93.5	699 700	36 3297
7960	9.1	47 58.56	1.9786	0.0012	39 54 15.4	4.168	0.281	80.5	271 275	39 3556
7961	8.8	18 47 59.01	+2.0066	+0.0012	+39 10 24.6	+4.168	+0.285	81.1	283 441	39 3555
7962	8.6	48 0.66	2.0018	0.0012	39 18 13.5	4.170	0.284	81.6	431 436	39 3557
7963	8.3	48 4.60	2.0027	0.0012	39 16 44.9	4.176	0.284	81.6	443 446	39 3558
7964	8.9	48 9.86	1.9744	0.0012	40 1 2.3	4.184	0.280	81.6	449 433[a]	39 3559
7965	7.0	48 14.73	2.1456	0.0014	35 19 41.9	4.190	0.304	80.5	256 260	35 3388
7966	9.0	18 48 17.40	+2.1265	+0.0014	+35 52 47.5	+4.194	+0.302	80.5	258 268	35 3389
7967	9.2	48 18.19	2.1015	0.0014	36 35 35.3	4.195	0.298	80.5	272 276	36 3300
7968	8.9	48 20.04	2.1165	0.0014	36 10 15.0	4.198	0.300	80.6	279 282	36 3301
7969	8.9	48 28.31	2.1197	0.0014	36 4 54.3	4.210	0.301	81.6	434 455	36 3302
7970	9.2	48 34.26	1.9842	0.0012	39 46 34.3	4.218	0.282	80.5	271 275	39 3561
7971	9.0[1]	18 48 34.85	+2.1154	+0.0014	+36 12 21.8	+4.219	+0.300	80.6	279 282	36 3303
7972	8.1	48 38.85	2.0815	0.0013	37 9 49.7	4.225	0.295	81.6	438 457	37 3267
7973	9.5	48 43.47	2.1510	0.0014	35 10 48.8	4.231	0.305	80.5	258 268	35 3393
7974	9.1	48 50.87	2.1002	0.0014	36 38 39.4	4.242	0.298	81.6	449 433[a]	36 3305
7975	9.3	48 51.80	2.0589	0.0013	37 47 33.1	4.243	0.291	81.6	443 446	37 3269
7976	9.1	18 48 56.25	+2.1248	+0.0014	+35 56 44.7	+4.250	+0.301	80.5	256 260	35 3396
7977	7.3	49 0.78	2.0226	0.0012	38 46 38.6	4.256	0.286	81.5	426 428	38 3336
7978	9.0	49 1.00	2.0147	0.0012	38 59 21.4	4.257	0.285	87.6	434 455 699 700	38 3337
7979	8.5	49 2.67	2.0719	0.0013	37 26 29.8	4.259	0.294	81.6	438 457	37 3270
7980	8.7	49 2.81	2.0763	0.0013	37 19 8.7	4.259	0.294	81.6	431 436	37 3271
7981	8.6	18 49 10.89	+2.0104	+0.0012	+39 6 23.9	+4.271	+0.285	81.1	283 441	39 3565
7982	9.1	49 13.88	2.1001	0.0013	36 39 24.1	4.275	0.298	81.6	431 436	36 3306
7983	8.6	49 17.39	2.0334	0.0013	38 29 51.5	4.280	0.288	89.5	446 701 702	38 3341
7984	7.4	49 21.22	2.0579	0.0013	37 49 58.4	4.285	0.291	81.6	449 433[a]	37 3273
7985	7.0	49 21.65	2.0946	0.0013	36 48 59.7	4.286	0.297	81.6	M 199 208 209	36 3307
7986	9.2	18 49 22.66	+2.1288	+0.0014	+35 50 35.4	+4.287	+0.302	80.5	263 264	35 3398
7987	7.5	49 25.20	2.1366	0.0014	35 37 3.5	4.291	0.303	80.5	272 276	35 3399
7988	8.8	49 30.36	2.1536	0.0014	35 7 34.7	4.298	0.305	93.5	699 700	35 3400
7989	8.9	49 35.60	2.1246	0.0014	35 58 14.6	4.306	0.301	80.5	258 268 272 276	35 3402
7990	7.4[2]	49 37.62	2.0803	0.0013	37 13 23.5	4.309	0.295	81.6	434 455	37 3276
7991	8.4	18 49 39.78	+2.0990	+0.0013	+36 42 3.1	+4.312	+0.298	81.5	426 428	36 3312
7992	7.4	49 47.73	1.9703	0.0012	40 10 0.9	4.323	0.279	80.5	271 275	40 3519
7993	8.5	49 49.63	2.0971	0.0013	36 45 28.5	4.326	0.297	81.6	431 436	36 3314
7994	7.5	49 50.55	2.1035	0.0013	36 34 36.5	4.327	0.298	81.6	438 457	36 3315
7995	9.0	49 55.45	2.1293	0.0014	35 50 38.0	4.334	0.301	80.5	263 264	35 3403
7996	8.8	18 49 58.31	+2.0836	+0.0013	+37 8 25.1	+4.338	+0.295	81.6	449 433[a]	37 3278
7997	8.7	49 59.68	2.0995	0.0013	36 41 42.6	4.340	0.298	80.6	279 282	36 3317
7998	8.8	49 59.88	2.0265	0.0012	38 41 59.3	4.340	0.287	81.6	438 457	38 3349
7999	8.8	50 1.77	2.0074	0.0012	39 12 37.4	4.343	0.284	81.1	283 441	39 3569
8000	8.1	50 7.54	2.0832	0.0013	37 9 22.3	4.351	0.295	81.6	443 446	37 3279

[1] Dpl. aeq. 12" bor. seq. [2] In beiden Zonen vermerkt: dpl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8001	4.4	18h 50m 7s.97	+2s.0980	+0s.0013	+36° 44′ 27″.6	+4″.352	+0″.297	89.1	8 Beob. [1]	36° 3319
8002	9.0	50 14.75	2.0459	0.0013	38 11 10.2	4.362	0.289	81.5	426 428	38 3351
8003	9.0	50 22.58	1.9965	0.0012	39 30 13.0	4.373	0.282	80.5	271 275	39 3572
8004	9.1	50 34.22	2.1608	0.0014	34 56 27.6	4.389	0.305	80.5	256 260	34 3351
8005	8.7	50 46.18	2.1169	0.0014	36 13 13.1	4.406	0.300	80.5	263 264	36 3325
8006	8.0	18 50 46.20	+2.1043	+0.0013	+36 34 56.7	+4.406	+0.298	81.0	272 276 443	36 3324
8007	9.2	50 57.27	2.0741	0.0013	37 25 50.2	4.422	0.293	81.6	449 433[a]	37 3281
8008	8.3	50 57.63	2.0576	0.0013	37 53 13.7	4.423	0.290	81.5	426 428	37 3282
8009	8.5	50 58.35	2.1325	0.0014	35 46 42.4	4.424	0.302	80.5	256 260	35 3408
8010	8.9	51 2.27	2.1032	0.0013	36 37 7.8	4.429	0.298	89.5	446 699 700	36 3327
8011	9.2	18 51 2.97	+2.0916	+0.0013	+36 56 39.8	+4.430	+0.296	80.6	279 282	36 3328
8012	9.3	51 3.38	1.9964	0.0012	39 31 29.6	4.431	0.282	81.6	431 436	39 3574
8013	8.5	51 7.91	1.9795	0.0012	39 58 2.4	4.437	0.280	81.6	434 455	39 3575
8014	8.2	51 12.50	1.9791	0.0012	39 58 43.0	4.444	0.280	81.6	434 455	39 3577
8015	9.1	51 15.47	1.9915	0.0012	39 39 32.9	4.448	0.282	81.1	283 441	39 3578
8016	6.5	18 51 18.33	+1.9777	+0.0012	+40 0 59.0	+4.452	+0.280	81.6	438 457	39 3580
8017	8.7	51 21.81	2.0560	0.0013	37 56 27.7	4.457	0.290	81.5	426 428	37 3284
8018	8.2	51 24.77	2.0408	0.0013	38 21 16.4	4.461	0.288	81.6	443 446	38 3357
8019	6.7	51 26.51	2.1374	0.0014	35 38 57.4	4.464	0.302	80.5	258 268	35 3411
8020	8.8	51 27.03	2.0626	0.0013	37 45 39.9	4.464	0.291	81.6	449 433[a]	37 3285
8021	9.0	18 51 30.47	+2.0755	+0.0013	+37 24 30.3	+4.469	+0.293	80.5	258 268	37 3286
8022	8.6	51 37.68	2.1483	0.0014	35 20 9.9	4.479	0.303	80.5	256 260	35 3412
8023	8.4	51 39.58	1.9772	0.0012	40 2 28.9	4.482	0.280	80.5	271 275	40 3526
8024	9.1	52 43.43	2.1581	0.0014	35 4 38.0	4.573	0.305	80.5	258 268	35 3417
8025	7.0	52 46.07	2.1159	0.0013	36 18 15.8	4.577	0.299	80.5	263 264	36 3339
8026	7.1	18 52 52.30	+2.0320	+0.0012	+38 38 0.6	+4.586	+0.287	81.1	283 441	38 3362
8027	9.1	52 53.20	2.1367	0.0014	35 42 36.8	4.587	0.302	80.5	256 260	35 3419
8028	9.0	53 0.60	2.0344	0.0012	38 34 16.3	4.597	0.287	81.5	426 428	38 3364
8029	8.9	53 3.88	2.0539	0.0013	38 2 43.3	4.602	0.289	81.6	434 449 455	38 3365
8030	9.0	53 17.73	2.0272	0.0012	38 46 23.7	4.622	0.285	80.5	271 275	38 3367
8031	8.6	18 53 30.08	+2.1029	+0.0013	+36 41 30.6	+4.639	+0.297	80.5	272 276	36 3343
8032	7.9	53 40.67	2.1123	0.0013	36 26 2.7	4.654	0.298	87.1	272 276 699 700	36 3345
8033	9.5	53 41.55	2.1404	0.0014	35 37 20.5	4.655	0.302	80.5	258 268	35 3426
8034	8.8	53 42.07	2.1356	0.0014	35 45 45.2	4.656	0.301	80.5	263 264	35 3428
8035	6.4	53 45.30	2.0527	0.0013	38 5 53.0	4.661	0.289	81.6	431 436	38 3373
8036	8.8	18 53 47.33	+2.0663	+0.0013	+37 43 35.3	+4.664	+0.291	80.6	279 282	37 3296
8037	8.9	53 47.42	2.0543	0.0013	38 3 15.6	4.664	0.289	93.5	699 700	38 3375
8038	9.1	53 48.60	2.0460	0.0012	38 16 58.9	4.665	0.288	81.6	443 446	38 3376
8039	9.1	53 51.00	2.0542	0.0013	38 3 39.3	4.669	0.289	81.6	449[2] 433[b]	[38 3377]
8040	8.1	53 59.67	2.1637	0.0014	34 56 54.7	4.681	0.305	80.5	256 260	34 3375
8041	8.4	18 54 0.27	+2.0497	+0.0012	+38 11 12.4	+4.682	+0.288	81.5	426 428	38 3378
8042	8.5	54 1.45	2.1189	0.0013	36 15 20.9	4.684	0.298	80.5	263[3] 264	36 3348
8043	7.8	54 9.02	2.0149	0.0012	39 7 38.1	4.694	0.284	81.6	434 455	39 3594
8044	7.6	54 9.65	2.0018	0.0012	39 28 24.7	4.695	0.282	88.4	5 Beob. [4]	39 3593
8045	7.7	54 17.52	1.9968	0.0012	39 36 32.3	4.706	0.281	81.1	283 441	39 3595
8046	8.6	18 54 31.53	+2.1032	+0.0013	+36 42 51.7	+4.726	+0.296	89.2	272 701 702	36 3352
8047	8.8	54 34.15	2.0415	0.0012	38 25 31.3	4.730	0.287	89.5	433[b] 699 700	38 3382
8048	8.7	54 35.28	2.0591	0.0013	37 56 47.9	4.732	0.290	81.5	426 428	37 3299
8049	9.0	54 35.54	2.1335	0.0014	35 51 3.0	4.732	0.301	88.4	5 Beob. [5]	35 3433
8050	8.8	54 44.15	2.0900	0.0013	37 5 37.5	4.744	0.295	89.2	279 701 702	37 3301

[1] Z. 701 702 703; M 199 208 209 307 308 [2] Dpl. praec. [3] Dpl. 8″ seq. [4] Z. 271 275 703; M 307 308
[5] Z. 258 268 703; M 307 308

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8051	9.0	18h 54m 45s.79	+2s.0555	+0s.0013	+38° 3' 4".9	+4".746	+0".289	90.6	433b 703; M 307 308	38° 3383
8052	9.3	54 58.26	2.1414	0.0013	35 37 51.1	4.764	0.301	80.5	256 260	35 3435
8053	6.3	54 59.81	2.0189	0.0011	39 2 45.1	4.766	0.284	81.1	283 441	39 3602
8054	9.0	55 11.42	1.9811	0.0011	40 2 35.1	4.783	0.279	80.5	271 275	40 3547
8055	8.6	55 14.21	2.0970	0.0012	36 54 39.6	4.787	0.295	80.5	263 264	36 3358
8056	8.6	18 55 17.69	+2.1159	+0.0013	+36 22 38.9	+4.792	+0.298	80.5	272 276	36 3360
8057	9.0	55 40.56	2.1013	0.0013	36 48 14.0	4.824	0.296	80.5	263 264	36 3363
8058	8.9	55 43.44	2.0873	0.0012	37 12 1.8	4.828	0.294	89.2	279 699 700	37 3306
8059	8.8	55 44.68	1.9998	0.0011	39 34 26.4	4.830	0.281	81.1	283 441	39 3604
8060	7.8	55 55.21	2.1419	0.0013	35 38 43.0	4.845	0.301	80.5	256 260	35 3444
8061	8.9	18 56 0.74	+2.1370	+0.0013	+35 47 24.1	+4.853	+0.301	80.5	258 268	35 3445
8062	8.0	56 3.79	2.0653	0.0012	37 49 15.6	4.857	0.290	81.6	443 446	37 3307
8063	8.8	56 10.48	1.9830	0.0011	40 1 29.2	4.866	0.279	80.5	271 275	40 3554
8064	7.8	56 13.35	2.0160	0.0011	39 9 40.7	4.870	0.283	87.6	449 433b 701 702	39 3605
8065	8.6	56 17.83	1.9776	0.0011	40 10 5.8	4.877	0.278	80.5	271 275	40 3558
8066	9.0	18 56 21.62	+2.0470	+0.0012	+38 19 49.4	+4.882	+0.287	81.6	434 455	38 3391
8067	7.9	56 24.50	1.9969	0.0011	39 40 10.0	4.886	0.280	89.5	428 699 700	39 3606
8068	7.5	56 26.15	1.9961	0.0011	39 41 26.6	4.889	0.280	81.5	426 428	39 3607
8069	9.2	56 36.58	2.1122	0.0012	36 31 21.0	4.903	0.297	80.5	263 264	36 3370
8070	8.1	56 39.31	2.1563	0.0013	35 14 35.3	4.907	0.302	80.5	258 268	35 3448
8071	8.7	18 56 45.12	+1.9949	+0.0011	+39 43 54.1	+4.915	+0.280	81.1	283 441	39 3609
8072	8.4	56 46.03	2.1495	0.0013	35 26 49.7	4.917	0.301	80.5	256 260	35 3449
8073	8.1	56 52.73	2.0993	0.0012	36 53 46.7	4.926	0.295	80.5	272 276	36 3372
8074	8.9	56 56.97	2.0095	0.0011	39 21 15.4	4.932	0.281	81.6	443 446	39 3611
8075	8.5	57 0.16	2.0907	0.0012	37 8 30.8	4.937	0.294	89.2	279 701 702	37 3310
8076	9.3	18 57 6.34	+2.0561	+0.0012	+38 6 26.0	+4.945	+0.288	81.6	449 433b	38 3395
8077	8.0	57 50.86	2.0741	0.0012	37 37 54.6	5.008	0.291	81.1	279 282 443 446	37 3315
8078	9.5	58 4.75	2.1125	0.0012	36 33 29.6	5.028	0.296	80.5	258 263 264 268	36 3379
8079	8.5	58 6.20	2.0252	0.0011	38 58 28.6	5.030	0.283	80.5	271 275	38 3401
8080	9.0	58 13.12	2.0291	0.0011	38 52 15.2	5.040	0.283	81.1	283 441	38 3403
8081	8.1	18 58 23.55	+2.0630	+0.0012	+37 57 19.4	+5.054	+0.288	81.5	426 428	37 3318
8082	9.5	58 27.19	2.0585	0.0012	38 4 52.8	5.060	0.288	89.5	433b 699 700	38 3405
8083	9.1	58 32.34	2.1634	0.0013	35 5 31.0	5.067	0.303	87.0	256 260 701 702	35 3456
8084	8.6	58 37.71	2.0507	0.0012	38 18 5.4	5.074	0.287	81.6	434 455	38 3408
8085	8.5	58 51.48	2.0918	0.0012	37 10 16.3	5.094	0.293	81.6	443 446	37 3322
8086	8.9	18 58 55.96	+2.1249	+0.0012	+36 13 40.1	+5.100	+0.297	80.5	272 276	36 3382
8087	7.5	58 56.21	1.9961	0.0010	39 46 14.6	5.101	0.280	80.5	271 275	39 3620
8088	9.5	59 1.44	2.1125	0.0012	36 35 14.1	5.108	0.296	89.2	279 699 700	36 3384
8089	8.9	59 7.71	2.1663	0.0013	35 1 17.3	5.117	0.303	80.5	256 260	34 3406
8090	9.1	59 10.75	1.9896	0.0010	39 56 50.2	5.121	0.278	81.1	283 441	39 3622
8091	8.3	18 59 11.09	+2.1482	+0.0013	+35 33 30.7	+5.122	+0.300	80.5	258 268	35 3460
8092	9.0	59 12.33	2.1018	0.0012	36 53 57.7	5.123	0.295	81.6	449 433b	36 3386
8093	9.1	59 15.13	2.0185	0.0011	39 11 24.7	5.127	0.282	81.6	431 436	39 3623
8094	9.5	59 17.28	2.0158	0.0011	39 15 46.8	5.130	0.282	81.6	431 436	39 3624
8095	9.0	59 17.30	2.0382	0.0011	38 39 45.6	5.130	0.285	81.6	438 457	38 3410
8096	9.2	18 59 17.39	+2.1080	+0.0012	+36 43 25.8	+5.130	+0.295	81.6	443 446	36 3387
8097	8.5	59 17.66	2.1347	0.0012	35 57 27.3	5.131	0.298	80.5	263 264	35 3461
8098	9.5	59 18.76	2.0598	0.0012	38 4 29.2	5.132	0.288	81.5	426 428	38 3411
8099	9.0	59 18.90	2.0618	0.0012	38 1 4.4	5.132	0.288	81.5	426 428	37 3324
8100	7.9	59 29.28	1.9984	0.0010	39 43 34.6	5.147	0.279	81.1	283 441	39 3628

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8101	8.7	$18^h\ 59^m\ 33^s.94$	$+2^s.0565$	$+0^s.0012$	+38° 10′ 23″.4	+5″.154	+0″.287	81.6	449 433b	38° 3415
8102	7.6	59 36.18	2.1169	0.0012	36 28 48.3	5.157	0.296	80.6	279 282	36 3389
8103	8.1	59 38.71	2.1474	0.0012	35 35 52.3	5.160	0.300	80.5	258 268	35 3463
8104	9.2	59 50.51	2.0283	0.0011	38 56 49.2	5.177	0.283	81.6	443 446	38 3420
8105	7.6	59 52.99	1.9911	0.0010	39 55 52.8	5.181	0.278	80.5	271 275	39 3630
8106	7.5	19 0 5.41	+2.0663	+0.0012	+37 55 12.6	+5.198	+0.288	81.6	438 457	37 3328
8107	8.1	0 5.83	2.1677	0.0013	35 0 49.3	5.199	0.303	80.5	256 260	34 3410
8108	8.8	0 21.15	2.0959	0.0012	37 6 5.5	5.220	0.292	89.5	455 699 700	37 3332
8109	8.5	0 28.73	2.0378	0.0011	38 42 37.8	5.231	0.284	81.5	431 436	38 3423
8110	9.1	0 30.07	2.1615	0.0013	35 12 32.9	5.233	0.302	80.5	263 264	35 3468
8111	8.2	19 0 33.50	+2.0437	+0.0011	+38 33 17.2	+5.238	+0.285	81.6	451 464 466	38 3424
8112	9.0	0 33.65	2.0321	0.0011	38 52 4.7	5.238	0.284	81.6	449 433b	38 3425
8113	9.1	0 34.23	2.1426	0.0012	35 46 0.4	5.239	0.299	80.5	272 276	35 3469
8114	8.5	0 40.95	2.0887	0.0012	37 18 59.1	5.248	0.291	81.6	443 446	37 3333
8115	8.6	0 44.12	2.1464	0.0012	35 39 34.8	5.253	0.300	80.5	266 269	35 3472
8116	8.6	19 0 56.68	+2.0195	+0.0011	+39 13 4.3	+5.270	+0.282	81.6	434 455	39 3634
8117	8.5	0 56.78	1.9922	0.0010	39 56 14.3	5.270	0.278	81.1	283 441	39 3633
8118	8.4	1 1.19	2.1090	0.0012	36 45 5.1	5.277	0.294	81.6	438 457	36 3395
8119	8.9	1 3.14	1.9829	0.0010	40 10 59.0	5.279	0.277	80.5	271 275	40 3588
8120	9.1[1]	1 3.46	2.0694	0.0012	37 51 58.7	5.280	0.288	81.6	459 462	37 3335
8121	8.9	19 1 3.61	+2.1060	+0.0012	+36 50 14.6	+5.280	+0.294	81.6	451 464 466	36 3397
8122	9.2	1 12.19	1.9931	0.0010	39 55 23.0	5.292	0.278	81.5	431 436	39 3635
8123	8.6	1 17.94	2.0127	0.0010	39 24 36.7	5.300	0.281	81.1	283 441	39 3636
8124	8.4	1 28.97	2.0531	0.0012	38 19 40.5	5.316	0.286	81.5	426 428	38 3429
8125	8.4	1 29.19	2.0529	0.0012	38 20 5.2	5.316	0.286	81.5	426 428	38 3428
8126	7.4	19 1 31.05	+2.1463	+0.0012	+35 41 23.9	+5.318	+0.299	80.5	273 277	35 3477
8127	8.2	1 32.20	2.0310	0.0011	38 55 43.6	5.320	0.283	81.6	459 462	38 3430
8128	8.9	1 34.54	2.1487	0.0012	35 37 17.0	5.323	0.300	80.6	280 285	35 3478
8129	8.8	1 36.02	2.0165	0.0011	39 19 6.2	5.325	0.281	80.5	271 275	39 3639
8130	9.0	1 39.64	2.0508	0.0011	38 23 59.5	5.331	0.286	81.6	438 457	38 3431
8131	9.5	19 2 3.44	+2.1096	+0.0012	+36 46 8.1	+5.364	+0.294	87.5	434 455 700 701	36 3402
8132	8.7	2 4.13	2.1704	0.0013	34 59 50.0	5.365	0.303	80.5	266 269	34 3426
8133	8.9	2 5.43	2.0755	0.0012	37 43 48.4	5.367	0.289	81.5	431 434	37 3340
8134	6.8	2 6.35	2.0946	0.0012	37 11 42.5	5.368	0.292	81.6	451 464 466	37 3341
8135	8.1	2 9.79	2.0600	0.0012	38 9 43.1	5.373	0.287	81.5	426 428	38 3435
8136	9.3	19 2 17.11	+2.0288	+0.0011	+39 0 57.4	+5.383	+0.282	81.1	283 441	38 3437
8137	7.4	2 21.43	2.1388	0.0012	35 56 6.4	5.389	0.298	80.5	273 277	35 3480
8138	8.8	2 31.64	2.1614	0.0012	35 16 35.1	5.404	0.301	87.1	280 285 700 701	35 3482
8139	9.4	2 44.95	2.1501	0.0012	35 37 10.4	5.422	0.299	80.5	266 269	35 3483
8140	**5.0**	**2 50.52**	**2.1404**	**0.0012**	**35 54 19.0**	**5.430**	**0.298**		**Fund. Cat.**	**35 3485**
8141	9.5	19 2 56.73	+2.1435	+0.0012	+35 49 7.8	+5.439	+0.298	80.5	273 277	35 3486
8142	8.5	3 0.66	2.1052	0.0012	36 55 33.4	5.444	0.293	81.6	438 457	36 3405
8143	8.5	3 2.09	2.1352	0.0012	36 3 53.3	5.446	0.297	80.6	280 285	36 3406
8144	9.5	3 2.90	2.0817	0.0012	37 35 24.5	5.448	0.289	81.6	434 455	37 3344
8145	8.7	3 7.70	2.1054	0.0012	36 55 30.9	5.454	0.293	81.5	431 436	36 3407
8146	9.0	19 3 20.38	+2.0242	+0.0010	+39 10 23.3	+5.472	+0.281	80.5	271 275	39 3647
8147	8.8	3 26.91	2.1523	0.0012	35 34 44.6	5.481	0.299	80.5	273 277	35 3488
8148	7.5	3 32.39	2.0409	0.0011	38 43 53.0	5.489	0.284	81.1	283 441	38 3441
8149	9.0	3 34.42	2.1610	0.0012	35 19 24.5	5.492	0.300	80.5	266 269	35 3489
8150	9.5	3 38.92	2.0319	0.0011	38 58 41.6	5.498	0.282	81.6	438 457	38 3442

[1] Dpl. austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec	Ep.	Zonen	B.D.
8151	9.0	19ʰ 3ᵐ 54ˢ.29	+2ˢ.0755	+0ˢ.0012	+37° 47′ 35″.9	+5″.520	+0″.288	81.5	426 428	37° 3347
8152	7.3	3 58.99	2.0331	0.0011	38 57 24.3	5.526	0.283	81.6	451 464 466	38 3445
8153	9.0[1]	4 12.10	2.0780	0.0012	37 43 59.7	5.545	0.288	81.6	434 455	37 3349
8154	8.0	4 13.81	2.0788	0.0012	37 42 43.8	5.547	0.289	81.5	431 436	37 3350
8155	9.1	4 15.57	1.9987	0.0010	39 52 53.4	5.550	0.278	80.5	271 275	39 3651
8156	8.3	19 4 20.91	+2.0574	+0.0010	+38 18 33.5	+5.557	+0.286	81.6	459 462	38 3449
8157	9.4	4 26.60	2.1574	0.0012	35 27 42.4	5.565	0.300	87.1	280 285 700 701	35 3493
8158	9.2	4 36.16	2.1064	0.0012	36 56 46.5	5.578	0.292	81.6	438 457	36 3419
8159	9.0	4 36.60	2.1664	0.0012	35 11 53.5	5.579	0.301	80.5	273 277	35 3494
8160	8.4	4 45.81	2.1737	0.0013	34 59 5.6	5.592	0.302	80.5	266 269	34 3442
8161	8.2	19 4 46.34	+2.0436	+0.0011	+38 42 2.5	+5.593	+0.284	81.3	283 426 428 441	38 3453
8162	8.9	4 58.59	2.0169	0.0010	39 25 39.1	5.610	0.280	80.5	271 275	39 3654
8163	8.5	5 1.91	2.0904	0.0011	37 24 56.3	5.614	0.290	81.5	431 436	37 3355
8164	8.4	5 6.13	2.1538	0.0012	35 35 19.0	5.620	0.299	80.6	280 285	35 3497
8165	8.8	5 9.92	2.1457	0.0012	35 49 47.5	5.626	0.298	81.6	451 464 466	35 3499
8166	8.2	19 5 10.18	+2.0511	+0.0011	+38 30 42.2	+5.626	+0.284	81.6	434 455	38 3455
8167	9.2	5 20.89	2.1110	0.0012	36 50 30.3	5.641	0.293	81.6	459 462	36 3425
8168	7.0	5 25.47	2.0846	0.0011	37 35 35.1	5.647	0.289	81.6	444 453	37 3357
8169	6.7	5 26.45	2.1586	0.0012	35 27 30.0	5.649	0.300	80.5	273 277	35 3501
8170	9.3	5 29.45	2.0478	0.0011	38 36 42.0	5.653	0.284	81.6	438 457	38 3457
8171	9.1	19 5 33.51	+2.1628	+0.0012	+35 20 17.5	+5.659	+0.300	81.6	439 447	35 3502
8172	8.7	5 41.67	2.1689	0.0012	35 9 38.7	5.670	0.301	80.6	280 285	35 3503
8173	8.7	5 42.37	2.0648	0.0011	38 9 15.8	5.671	0.286	87.5	426 428 700 701	38 3458
8174	9.2	5 43.74	2.0333	0.0010	39 0 50.2	5.674	0.282	81.6	459 462	38 3459
8175	7.8	5 45.84	2.1613	0.0012	35 23 24.3	5.676	0.300	80.5	266 269	35 3504
8176	8.6	19 5 49.24	+2.1082	+0.0011	+36 56 20.9	+5.681	+0.292	81.6	451 464 466	36 3429
8177	8.4	5 52.11	2.0749	0.0011	37 52 43.9	5.685	0.287	81.5	431 436	37 3359
8178	8.9	6 5.83	2.0851	0.0011	37 36 10.3	5.704	0.289	81.6	434 455	37 3360
8179	9.2	6 9.03	2.1131	0.0012	36 48 35.7	5.708	0.293	81.6	438 457	36 3430
8180	7.8	6 9.72	2.0580	0.0011	38 21 27.0	5.709	0.285	81.5	426 428	38 3462
8181	9.4	19 6 13.52	+1.9967	+0.0009	+40 0 18.4	+5.715	+0.277	81.1	283 441	39 3664
8182	9.5	6 27.06	1.9969	0.0009	40 0 27.5	5.734	0.277	81.1	283 441	39 3665
8183	8.6	6 29.96	2.1525	0.0012	35 40 37.0	5.738	0.298	80.5	273 277	35 3511
8184	9.1	6 30.90	2.0277	0.0010	39 11 36.7	5.739	0.281	80.5	271 275	39 3666
8185	8.4	6 30.94	2.0459	0.0011	38 42 2.3	5.739	0.283	81.6	439 447	38 3463
8186	8.2	19 6 35.82	+2.0363	+0.0010	+38 57 56.4	+5.746	+0.282	81.6	444 453	38 3464
8187	9.1	6 36.04	2.1131	0.0012	36 49 38.9	5.746	0.292	81.6	430 450	36 3433
8188	9.0	6 38.32	2.1029	0.0011	37 7 12.2	5.749	0.291	81.6	459 462	37 3364
8189	7.0	6 45.85	2.0103	0.0010	39 40 3.7	5.760	0.278	80.5	271 275	39 3668
8190	9.1	6 46.36	2.0365	0.0010	38 57 53.2	5.761	0.282	81.5	431 436	38 3465
8191	8.6	19 6 53.28	+2.1392	+0.0012	+36 4 53.9	+5.770	+0.296	81.6	438 457	36 3434
8192	7.6[2]	6 53.76	2.0509	0.0011	38 34 37.9	5.771	0.283	89.6[3]	9 Beob.[4]	38 3466
8193	8.6	6 54.48	2.0169	0.0010	39 29 45.5	5.772	0.279	81.5	426 428	39 3669
8194	8.9	7 0.72	2.0206	0.0010	39 24 7.6	5.781	0.280	81.6	434 455	39 3671
8195	9.0	7 11.13	2.1271	0.0012	36 26 41.4	5.795	0.294	81.6	444 453	36 3436
8196	9.1	19 7 13.29	+2.1557	+0.0012	+35 36 32.2	+5.798	+0.298	80.6	280 285	35 3513
8197	9.1	7 14.19	2.0406	0.0010	38 52 16.7	5.799	0.282	81.6	439 447	38 3468
8198	8.7	7 29.26	2.1799	0.0012	34 53 41.9	5.820	0.302	80.5	266 269	34 3454
8199	8.9	7 29.47	2.1596	0.0012	35 30 11.1	5.821	0.299	80.5	273 277	35 3516
8200	9.0	7 32.72	2.0660	0.0011	38 11 11.1	5.825	0.286	81.6	451 464 466	38 3470

[1] Dpl. bor. praec. [2] Dpl. 7″ med. [3] E.B. —0ˢ.020 —0″.10 (Porter) [4] Z. 451 464 466 702 703; M 307 308 309 310

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8201	8.8	19ʰ 7ᵐ 36ˢ.28	+2ˢ.1647	+0ˢ.0012	+35° 21′ 15″.3	+5″.830	+0″.300	87.0	280 285 700 701	35° 3518
8202	7.5	7 37.05	2.0085	0.0010	39 44 50.4	5.831	0.278	81.6	430 450	39 3675
8203	8.3	7 38.74	2.0060	0.0009	39 48 45.2	5.834	0.277	87.6	459 462 702 703	39 3676
8204	8.5	7 40.21	2.1445	0.0012	35 57 15.1	5.836	0.297	81.6	438 457	35 3519
8205	9.0	7 44.06	2.1807	0.0012	34 52 42.0	5.841	0.302	80.5	266 269	34 3456
8206	7.6	19 7 46.59	+2.0287	+0.0010	+39 12 41.9	+5.845	+0.280	80.5	271 275	39 3677
8207	7.7	7 49.97	2.1287	0.0012	36 25 12.9	5.849	0.294	81.5	431 436	36 3439
8208	8.8	7 54.49	2.0024	0.0009	39 55 4.6	5.856	0.277	81.5	426 428	39 3678
8209	8.6	7 55.09	2.1654	0.0012	35 20 38.9	5.856	0.300	87.5	434 455 700 701	35 3522
8210	6.4	7 56.24	2.1442	0.0012	35 58 20.8	5.858	0.297	81.6	444 453	35 3523
8211	8.6	19 7 58.51	+2.1474	+0.0012	+35 52 42.5	+5.861	+0.297	87.5	439 447 702 703	35 3524
8212	8.8	8 2.33	2.1458	0.0012	35 55 45.5	5.867	0.297	81.6	439 447	35 3525
8213	9.2	8 11.81	2.0542	0.0011	38 32 15.8	5.880	0.284	81.6	451 464 466	38 3478
8214	9.0	8 12.04	2.0171	0.0010	39 32 17.3	5.880	0.279	81.1	283 441	39 3679
8215	8.8	8 19.24	2.1329	0.0012	36 18 59.5	5.890	0.295	81.6	438 457	36 3441
8216	9.4	19 8 20.04	+2.1264	+0.0012	+36 30 28.0	+5.891	+0.294	81.5	431 436	36 3442
8217	8.7	8 20.26	2.1788	0.0012	34 57 32.6	5.892	0.302	80.5	266 269	34 3461
8218	8.6	8 20.98	2.0030	0.0009	39 55 16.0	5.893	0.277	81.5	426 428	39 3680
8219	8.7	8 21.07	2.1377	0.0012	36 10 35.5	5.893	0.296	81.6	434 455	36 3443
8220	8.2	8 26.43	2.1195	0.0011	36 42 32.6	5.900	0.293	81.6	459 462	36 3445
8221	8.5	19 8 29.45	+2.0269	+0.0010	+39 17 11.7	+5.904	+0.280	81.6	430 450	39 3682
8222	8.5	8 39.54	2.1399	0.0012	36 7 24.5	5.918	0.296	81.6	451 464 466	36 3446
8223	8.0	8 43.95	2.0217	0.0010	39 26 14.5	5.924	0.279	81.1	283 441	39 3683
8224	8.0	8 45.80	2.1669	0.0012	35 19 51.5	5.927	0.300	80.5	273 277	35 3528
8225	8.0	8 52.72	2.1552	0.0012	35 41 0.5	5.937	0.298	81.6	438 457	35 3529
8226	9.3	19 8 53.67	+2.1700	+0.0012	+35 14 37.7	+5.938	+0.300	80.6	280 285	35 3530
8227	8.6	8 54.73	2.1340	0.0012	36 18 21.6	5.940	0.295	81.6	444 453	36 3451
8228	8.2	8 59.25	2.1764	0.0012	35 3 18.2	5.946	0.301	81.6	439 447	35 3531
8229	8.0	9 13.74	2.0450	0.0010	38 49 28.2	5.966	0.282	81.6	459 462	38 3488
8230	8.5	9 14.88	2.1415	0.0012	36 6 2.3	5.968	0.296	81.6	434 455	36 3456
8231	8.3	19 9 16.59	+2.0449	+0.0010	+38 49 49.7	+5.970	+0.282	81.5	431 436	38 3489
8232	8.6	9 16.91	2.0905	0.0011	37 33 57.8	5.970	0.288	81.6	430 450	37 3379
8233	8.6	9 17.22	2.0002	0.0009	40 1 45.0	5.971	0.276	80.5	271 275	39 3686
8234	8.8	9 19.00	2.1293	0.0012	36 27 28.3	5.973	0.294	87.5	426 428 700 701	36 3457
8235	6.9	9 25.06	2.1379	0.0012	36 12 37.8	5.982	0.295	80.6	280 285	36 3458
8236	4.8	19 9 30.24	+2.0415	+0.0010	+38 55 55.3	+5.989	+0.281	88.3	7 Beob. [1]	38 3490
8237	8.6	9 32.71	2.0415	0.0010	38 55 58.5	5.992	0.281	81.6	451 464 466	38 3491
8238	8.7	9 33.51	2.0184	0.0009	39 33 19.0	5.994	0.279	81.1	283 441	39 3688
8239	7.9	9 43.04	2.0480	0.0010	38 45 45.3	6.007	0.282	87.6	444 453 702 703	38 3493
8240	9.1	9 47.29	2.0158	0.0009	39 38 6.3	6.013	0.278	80.5	271 275	39 3689
8241	8.7	19 9 58.59	+2.1421	+0.0012	+36 6 31.6	+6.028	+0.295	80.5	273 277	36 3464
8242	8.0	9 58.98	2.0964	0.0011	37 25 32.6	6.029	0.289	81.6	434 455	37 3384
8243	7.8	10 7.62	2.1477	0.0012	35 56 58.5	6.041	0.296	80.5	266 269	35 3534
8244	7.9	10 12.57	2.0238	0.0010	39 26 15.1	6.048	0.279	81.6	438 457	39 3693
8245	8.3	10 17.88	2.1197	0.0011	36 46 19.3	6.055	0.292	80.6	280 285	36 3466
8246	8.8	19 10 22.01	+2.0946	+0.0011	+37 29 30.5	+6.061	+0.288	81.5	431 436	37 3386
8247	7.6	10 29.38	2.0849	0.0011	37 46 10.0	6.071	0.287	81.6	439 447	37 3387
8248	8.5	10 29.46	2.0726	0.0011	38 7 1.2	6.071	0.285	81.6	459 462	38 3499
8249	8.9	10 29.47	2.1492	0.0012	35 55 6.7	6.071	0.296	80.5	266 269	35 3536
8250	8.6	10 37.94	2.0698	0.0011	38 11 59.3	6.083	0.285	81.6	451 464 466	38 3501

[1] Z. 430; M 35 198 307 308 309 310

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8251	8.6	$19^h\ 10^m\ 44^s.93$	$+2^s.0832$	$+0^s.0011$	+37° 49' 47".5	+6".093	+0".287	81.5	426 428	37° 3390
8252	7.6	11 5.01	2.0599	0.0010	38 29 25.2	6.121	0.283	81.5	431 436	38 3504
8253	7.9	11 6.20	2.0079	0.0009	39 53 43.5	6.122	0.276	81.1	283 441	39 3699
8254	9.2	11 7.92	2.1043	0.0011	37 14 48.8	6.125	0.290	81.6	434 455	37 3391
8255	7.7	11 26.24	2.1105	0.0011	37 4 46.3	6.150	0.290	81.6	459 462	37 3394
8256	8.4	19 11 27.24	+2.0609	+0.0010	+38 28 34.7	+6.152	+0.283	81.6	438 457	38 3506
8257	9.2	11 28.50	2.0142	0.0009	39 44 41.7	6.153	0.277	81.6	451 464 466	39 3703
8258	8.0	11 29.33	2.0727	0.0011	38 9 9.7	6.155	0.285	81.6	439 447	38 3507
8259	7.0	11 34.46	1.9993	0.0009	40 8 30.2	6.162	0.275	80.5	271 275	40 3645
8260	8.7	11 36.33	2.1228	0.0011	36 43 57.4	6.164	0.292	81.5	426 428	36 3474
8261	8.6	19 11 36.46	+2.1602	+0.0012	+35 38 7.4	+6.164	+0.297	80.5	273 277	35 3543
8262	8.9	11 41.77	2.1806	0.0012	35 1 42.5	6.172	0.300	84.8	266 269 700	34 3485
8263	8.4	11 43.95	2.0670	0.0011	38 19 4.0	6.175	0.284	81.6	444 453	38 3508
8264	8.9	11 51.35	1.9982	0.0009	40 10 53.7	6.185	0.275	80.5	271 275	40 3646
8265	9.1	11 51.58	2.1083	0.0011	37 9 41.9	6.185	0.290	81.6	439 447	37 3397
8266	8.9	19 11 52.19	+2.1354	+0.0011	+36 22 37.4	+6.186	+0.294	81.6	430 450	36 3477
8267	9.3	11 57.37	2.1278	0.0011	36 36 5.7	6.194	0.292	81.6	434 455	36 3478
8268	**4.3**	**12 1.78**	**2.0820**	**0.0011**	**37 54 43.4**	**6.200**	**0.286**		**Fund. Cat.**	**37 3398**
8269	8.9	12 9.71	2.0175	0.0009	39 40 57.1	6.211	0.277	81.6	438 457	39 3705
8270	8.8	12 11.02	2.1638	0.0012	35 33 7.3	6.212	0.298	80.5	273 277	35 3546
8271	8.4	19 12 14.82	+2.0022	+0.0009	+40 5 28.8	+6.218	+0.275	81.1	283 441	40 3651
8272	8.6	12 15.18	2.0502	0.0010	38 48 7.3	6.218	0.282	81.6	459 462	38 3511
8273	9.0	12 15.66	2.1393	0.0011	36 16 45.9	6.219	0.294	81.6	451 464 466	36 3481
8274	9.5	12 15.76	2.1503	0.0012	35 57 17.9	6.219	0.296	80.6	280 285	35 3547
8275	9.1	12 17.50	2.0447	0.0010	38 57 12.0	6.221	0.281	81.5	431 436	38 3512
8276	9.3	19 12 26.28	+2.0033	+0.0009	+40 4 14.9	+6.234	+0.275	86.4 87.3	283 441 700 701[1]	40 3652
8277	8.2	12 26.57	2.0557	0.0010	38 39 33.1	6.234	0.282	81.5	426 428	38 3514
8278	8.9	12 27.22	2.1825	0.0012	34 59 52.9	6.235	0.300	80.5	266 269	34 3487
8279	8.5	12 31.86	2.0467	0.0010	38 54 38.9	6.241	0.281	81.5	431 436	38 3515
8280	9.1	12 41.52	2.1536	0.0012	35 52 30.7	6.255	0.296	80.6	280 285	35 3551
8281	7.9	19 12 42.15	+2.1572	+0.0012	+35 46 4.2	+6.255	+0.296	80.5	273 277	35 3552
8282	8.5	12 47.36	2.1151	0.0011	37 0 8.9	6.263	0.290	81.6	439 447	36 3486
8283	8.2	12 51.09	2.1147	0.0011	37 1 4.2	6.268	0.290	81.6	434 455	36 3487
8284	7.2	12 52.39	2.0511	0.0010	38 48 15.2	6.270	0.281	81.6	430 450	38 3518
8285	8.8	12 55.16	2.1780	0.0012	35 9 13.8	6.275	0.299	81.6	459 462	35 3553
8286	7.3	19 13 3.85	+2.0479	+0.0010	+38 53 50.8	+6.286	+0.281	89.5	436 702 703	38 3520
8287	7.2	13 11.54	2.1022	0.0011	37 23 9.2	6.296	0.288	81.6	438 457	37 3403
8288	7.9	13 13.71	2.0437	0.0010	39 1 11.1	6.299	0.280	81.5	426 428	38 3522
8289	9.4	13 25.77	2.1553	0.0012	35 51 8.4	6.316	0.296	80.6	280 285	35 3556
8290	8.7	13 30.62	2.0742	0.0010	38 11 19.6	6.323	0.284	81.6	451 464 466	38 3525
8291	8.8	19 13 30.91	+2.0060	+0.0009	+40 2 31.3	+6.323	+0.275	80.5	271 275	40 3658
8292	8.6	13 40.06	2.0794	0.0011	38 3 1.9	6.336	0.285	81.6	459 462	38 3527
8293	8.3	13 40.23	2.0629	0.0010	38 30 28.1	6.336	0.283	81.6	444 453	38 3526
8294	9.0	13 41.35	2.0835	0.0011	37 56 10.0	6.337	0.286	81.5	426 428	37 3405
8295	8.6	13 48.11	2.0343	0.0010	39 17 47.0	6.347	0.279	80.5	271 275	39 3712
8296	9.1	19 13 49.27	+2.1773	+0.0012	+35 12 38.2	+6.349	+0.299	80.5	273 277	35 3558
8297	9.1	13 53.27	2.1007	0.0011	37 27 33.6	6.354	0.288	87.5	431 436 700 701	37 3407
8298	9.4	14 2.25	2.1784	0.0012	35 11 11.0	6.366	0.299	81.6	438 457	35 3561
8299	9.4	14 2.43	2.0446	0.0010	39 1 40.7	6.367	0.280	81.6	434 455	38 3531
8300	8.3	14 7.87	2.1850	0.0012	34 59 24.2	6.374	0.300	89.2	269 700 701	34 3494

[1] *a* Gew. ½

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8301	9.5	19h 14m 13s.45	+2s.1835	+0s.0012	+35° 2' 21".3	+6".382	+0".300	81.6	439 447	35° 3562
8302	9.0	14 19.01	2.1723	0.0012	35 22 51.2	6.390	0.298	81.6	444 453	35 3564
8303	8.1	14 20.08	2.1580	0.0012	35 48 30.2	6.391	0.296	80.5	273 277	35 3565
8304	8.9	14 20.70	2.1166	0.0011	37 1 8.1	6.392	0.290	81.6	451 464 466	36 3496
8305	9.0	14 23.31	2.1706	0.0012	35 26 0.2	6.396	0.297	80.6	280 285	35 3566
8306	7.8	19 14 26.73	+2.1050	+0.0011	+37 21 30.4	+6.400	+0.288	81.5	431 436	37 3410
8307	9.2	14 29.98	2.1451	0.0011	36 11 40.9	6.405	0.294	81.5	426 428	36 3497
8308	8.9	14 36.08	2.0484	0.0010	38 56 47.2	6.413	0.280	81.6	434 455	38 3534
8309	8.8	14 36.31	2.1114	0.0011	37 10 51.6	6.414	0.289	81.6	459 462	37 3411
8310	7.0	14 37.23	2.1102	0.0011	37 12 57.8	6.415	0.289	81.6	430 450	37 3413
8311	8.9	19 14 37.65	+2.1756	+0.0012	+35 17 31.6	+6.415	+0.298	80.5	266 269	35 3567
8312	7.7	14 42.62	2.0452	0.0010	39 2 19.1	6.422	0.280	81.1	283 441	39 3719
8313	6.6	14 47.36	2.0047	0.0009	40 7 52.7	6.429	0.274	80.5	271 275	40 3665
8314	8.6	14 50.62	2.0340	0.0010	39 20 58.4	6.433	0.278	81.6	439 447	39 3721
8315	9.2	14 50.64	2.0739	0.0010	38 15 12.4	6.433	0.284	81.6	438 457	38 3535
8316	8.2	19 15 2.90	+2.0725	+0.0010	+38 18 1.1	+6.450	+0.283	81.5	426 428	38 3538
8317	8.6	15 3.32	2.1616	0.0012	35 43 47.1	6.451	0.296	81.6	444 453	35 3570
8318	9.0	15 6.14	2.0972	0.0011	37 47 54.9	6.455	0.286	81.6	459 462	37 3414
8319	9.2	15 7.46	2.1236	0.0011	36 50 57.5	6.457	0.290	81.6	451 464 466	36 3501
8320	6.9	15 15.17	2.1149	0.0011	37 6 20.8	6.467	0.289	81.6	430 450	37 3417
8321	8.3	19 15 18.72	+2.1826	+0.0012	+35 6 35.1	+6.472	+0.299	81.6	434 455	35 3572
8322	7.5	15 18.95	2.1348	0.0011	36 31 58.0	6.472	0.292	81.6	439 447	36 3502
8323	8.2	15 20.76	2.1761	0.0012	35 18 24.3	6.475	0.298	80.5	273 277	35 3573
8324	9.3	15 21.86	2.1595	0.0012	35 48 23.3	6.476	0.295	80.6	280 285	35 3574
8325	7.4	15 26.69	2.0093	0.0009	40 2 11.3	6.483	0.275	80.5	271 275	40 3670
8326	8.7	19 15 28.94	+2.0145	+0.0009	+39 53 57.2	+6.486	+0.275	81.1	283 441	39 3722
8327	9.3	15 37.37	2.1396	0.0011	36 24 19.5	6.498	0.292	81.5	431 436	36 3506
8328	8.5	15 39.00	2.1481	0.0011	36 9 18.8	6.500	0.294	81.5	426 428	36 3507
8329	8.8	15 50.81	2.0230	0.0009	39 41 7.6	6.516	0.276	81.1	283 441	39 3725
8330	8.7	15 58.08	2.1552	0.0011	35 57 21.5	6.526	0.294	81.6	438 457	35 3576
8331	6.1	19 15 59.36	+2.1886	+0.0012	+34 57 10.1	+6.528	+0.299	80.5	266 269	34 3503
8332	8.4	16 7.12	2.0789	0.0010	38 10 0.9	6.539	0.284	81.6	459 462	38 3544
8333	8.3	16 12.32	2.0781	0.0010	38 11 31.1	6.546	0.284	81.6	439 447	38 3545
8334	9.4	16 12.55	2.0654	0.0010	38 32 41.2	6.546	0.282	81.6	434 455	38 3546
8335	7.2	16 13.99	2.0234	0.0009	39 41 35.9	6.548	0.276	81.6	430 450	39 3731
8336	9.1	19 16 17.44	+2.1903	+0.0012	+34 54 48.6	+6.553	+0.299	80.5	266 269	34 3505
8337	8.9	16 18.02	2.0508	0.0010	38 57 4.5	6.554	0.280	81.6	451 464 466	38 3547
8338	9.4	16 18.42	2.1568	0.0011	35 55 21.1	6.554	0.294	80.5	273 277	35 3582
8339	9.1	16 22.21	2.0289	0.0009	39 33 1.5	6.560	0.277	81.6	444 453	39 3732
8340	9.0	16 29.36	2.1154	0.0011	37 8 37.7	6.570	0.288	81.5	431 436	37 3422
8341	8.3	19 16 40.74	+2.0658	+0.0010	+38 33 16.3	+6.585	+0.282	81.1	283 441	38 3550
8342	9.0	16 46.73	2.1327	0.0011	36 39 19.7	6.593	0.291	81.6	430 450	36 3513
8343	9.2	16 50.62	2.1485	0.0011	36 11 33.0	6.599	0.293	81.6	438 457	36 3514
8344	9.1	16 52.88	2.0482	0.0010	39 2 45.6	6.602	0.279	80.5	271 275	39 3733
8345	8.0	16 56.98	2.1267	0.0011	36 50 9.3	6.608	0.290	81.6	459 462	36 3516
8346	9.4	19 17 7.83	+2.1625	+0.0012	+35 47 12.3	+6.622	+0.295	87.1	280 285 700 701	35 3585
8347	8.8	17 10.22	2.1726	0.0012	35 29 7.3	6.626	0.297	81.6	451 464 466	35 3587
8348	7.9	17 16.89	2.1568	0.0011	35 57 55.1	6.635	0.294	80.5	273 277	35 3588
8349	9.2	17 19.68	2.1810	0.0012	35 14 20.0	6.639	0.298	80.9	5 Beob. [1]	35 3589
8350	8.5	17 21.51	2.1230	0.0011	36 57 36.5	6.641	0.289	81.6	434 455	36 3518

[1] Z. 266 269 280 285 431

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8351	8.7	19h 17m 31s.32	+2s.1101	+0s.0011	+37° 20' 15".9	+6".655	+0".287	81.6	439 447	37° 3427
8352	9.2	17 37.06	2.0540	0.0010	38 55 18.1	6.663	0.280	81.6	444 453	38 3554
8353	8.8	17 37.90	2.0146	0.0009	39 59 19.5	6.664	0.275	81.1	283 441	39 3739
8354	7.8	17 46.45	2.0422	0.0010	39 14 58.7	6.676	0.278	80.5	271 275	39 3740
8355	9.2	17 53.34	2.0971	0.0011	37 43 31.8	6.685	0.285	81.5	426 428	37 3429
8356	8.7	19 17 55.02	+2.1000	+0.0011	+37 38 49.9	+6.687	+0.286	81.6	438 457	37 3430
8357	8.6	18 5.06	2.0824	0.0010	38 8 57.8	6.701	0.284	81.6	444 453	38 3558
8358	9.2	18 8.34	2.0275	0.0009	39 39 53.3	6.706	0.276	81.6	439 447	39 3743
8359	9.3	18 9.93	2.1331	0.0011	36 42 2.5	6.708	0.290	89.5	431 700 701	36 3526
8360	8.6	18 13.71	2.1195	0.0011	37 5 54.7	6.713	0.288	81.6	459 462	37 3431
8361	9.4	19 18 16.13	+2.0217	+0.0010	+39 49 30.4	+6.716	+0.275	81.6	451 464 466	39 3744
8362	6.0	18 17.04	2.1111	0.0011	37 20 29.4	6.718	0.287	81.6	430 450	37 3432
8363	9.4	18 21.13	2.0646	0.0010	38 39 37.6	6.723	0.281	81.6	434 455	38 3561
8364	9.6	18 22.27	2.0219	0.0009	39 49 25.9	6.725	0.275	81.6	451 464 466	39 3745
8365	9.4	18 28.77	2.0371	0.0010	39 25 12.1	6.734	0.277	81.1	283 441	39 3746
8366	8.9	19 18 31.60	+2.1231	+0.0011	+37 0 31.3	+6.738	+0.288	81.6	438 457	36 3529
8367	7.6	18 43.10	2.0765	0.0010	38 20 40.1	6.753	0.283	81.5	426 428	38 3564
8368	8.8	18 45.68	2.0283	0.0009	39 40 14.2	6.757	0.276	81.6	459 462	39 3748
8369	9.1	18 47.76	2.0794	0.0010	38 15 51.7	6.760	0.283	81.6	439 447	38 3565
8370	9.3	18 55.81	2.0142	0.0009	40 3 23.3	6.771	0.274	80.5	271 275	40 3695
8371	8.6	19 19 1.49	+2.1678	+0.0011	+35 42 33.1	+6.779	+0.295	80.5	273 277	35 3596
8372	9.0	19 7.19	2.1295	0.0011	36 50 52.4	6.787	0.289	81.6	459 462	36 3533
8373	9.1	19 14.56	2.1270	0.0011	36 55 22.7	6.797	0.288	81.5	431 436	36 3535
8374	9.4	19 14.57	2.1957	0.0012	34 52 14.0	6.797	0.299	87.0	266 269 700 701	34 3524
8375	8.7	19 19.15	2.0628	0.0010	38 45 5.2	6.803	0.280	81.6	438 455	38 3568
8376	9.4	19 19 20.05	+2.0921	+0.0010	+37 55 51.6	+6.804	+0.284	88.8 87.5	434 455[1] 702 703	37 3437
8377	7.6	19 21.61	2.1606	0.0011	35 56 14.8	6.806	0.294	80.6	280 285	35 3598
8378	9.0	19 29.32	2.1553	0.0011	36 6 10.4	6.817	0.293	87.6	426 428; M 307 308	36 3537
8379	7.5	19 31.90	2.0330	0.0009	39 34 36.6	6.820	0.276	81.1	283 441	39 3750
8380	7.0	19 32.20	2.0415	0.0010	39 20 48.2	6.821	0.277	81.6	430 450	39 3751
8381	8.2	19 19 34.12	+2.1488	+0.0011	+36 18 2.5	+6.823	+0.292	81.6	434 455	36 3538
8382	7.7	19 35.53	2.0946	0.0010	37 52 15.5	6.825	0.285	81.6	451 464 466	37 3440
8383	9.0	19 35.88	2.1146	0.0011	37 17 53.0	6.826	0.287	81.5	431 436	37 3439
8384	6.0	19 36.93	2.1520	0.0011	36 12 22.6	6.827	0.292	81.6	444 453	36 3539
8385	9.1	19 44.10	2.0282	0.0009	39 43 2.4	6.837	0.275	81.6	459 462	39 3752
8386	8.9	19 19 50.69	+2.1745	+0.0011	+35 32 32.7	+6.846	+0.295	80.5	266 269	35 3602
8387	9.4	19 52.21	2.1639	0.0011	35 51 36.7	6.848	0.294	80.6	280 285	35 3603
8388	6.9	19 53.39	2.0558	0.0010	38 58 9.2	6.850	0.279	81.6	430 450	38 3575
8389	9.3	19 53.71	2.0589	0.0010	38 53 0.1	6.850	0.280	81.5	426 428	38 3574
8390	8.7	19 57.28	2.1571	0.0011	36 4 14.0	6.855	0.293	81.6	444 453	36 3542
8391	9.0	19 19 57.89	+2.0532	+0.0010	+39 2 38.5	+6.856	+0.279	81.6	451 464 466	39 3753
8392	8.6	20 2.33	2.1813	0.0012	35 20 45.0	6.862	0.296	80.5	273 277	35 3604
8393	9.2	20 3.20	2.0952	0.0010	37 52 26.6	6.863	0.285	81.6	438 457	37 3446
8394	7.8	20 4.66	2.1276	0.0011	36 56 36.7	6.865	0.288	81.6	439 447	36 3543
8395	8.4	20 11.05	2.1297	0.0011	36 53 11.0	6.874	0.289	81.6	439 447	36 3545
8396	8.1	19 20 18.26	+2.0156	+0.0009	+40 4 47.0	+6.884	+0.274	80.5	271 275	40 3706
8397	8.1	20 21.83	2.0728	0.0010	38 31 13.0	6.889	0.281	89.5	431 700 701	38 3578
8398	8.8	20 31.85	2.0284	0.0009	39 44 47.2	6.903	0.275	87.3	283 441 702 703	39 3757
8399	8.1	20 37.09	2.1686	0.0011	35 45 11.2	6.910	0.294	80.5	273 277	35 3609
8400	8.6[2]	20 42.36	2.1309	0.0011	36 52 39.2	6.917	0.288	87.6	434 455; M 307 308	36 3549

[1] *a* Gew. ½   [2] Dpl. 2" med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8401	8.9	19^h 20^m $50^s.83$	$+2^s.0601$	$+0^s.0010$	+38° 53' 37".6	+6".929	+0".279	81.5	426 428	38° 3580
8402	7.0	20 52.25	2.1269	0.0011	36 59 58.3	6.930	0.288	81.6	459 462	36 3550
8403	8.8	21 6.25	2.1534	0.0011	36 13 40.4	6.950	0.292	87.6	438 457 702 703	36 3551
8404	8.6	21 6.60	2.0808	0.0010	38 19 46.2	6.950	0.282	81.6	451 464 466	38 3582
8405	8.8	21 14.23	2.1369	0.0011	36 43 24.6	6.961	0.289	81.5	431 436	36 3554
8406	9.0	19 21 15.18	+2.0374	+0.0009	+39 32 7.0	+6.962	+0.276	80.5	271 275	39 3760
8407	8.7	21 27.40	2.1725	0.0011	35 40 19.9	6.979	0.294	80.5	266 269[1]	35 3613
8408	7.7	21 27.73	2.1637	0.0011	35 56 17.0	6.979	0.293	80.6	280 285	35 3614
8409	9.0	21 35.69	2.1852	0.0012	35 17 30.8	6.990	0.296	89.2	277 700 701	35 3615
8410	9.0	21 37.18	2.1799	0.0012	35 27 25.6	6.992	0.295	81.6	273 434 455	35 3616
8411	5.2	19 21 39.05	+2.1596	+0.0011	+36 4 6.2	+6.994	+0.292	85.5	11 Beob.[2]	36 3557
8412	8.2	21 46.46	2.0734	0.0010	38 33 53.6	7.005	0.281	81.6	439 447	38 3587
8413	9.5	21 50.27	2.1684	0.0011	35 48 47.8	7.010	0.293	81.6	438 457	35 3617
8414	9.2	21 51.00	2.1874	0.0012	35 14 17.1	7.011	0.296	80.6	280 285	35 3618
8415	8.4	22 1.23	2.0700	0.0010	38 40 27.4	7.025	0.280	81.6	451 464 466	38 3590
8416	8.5	19 22 3.85	+2.1740	+0.0012	+35 39 18.4	+7.028	+0.294	81.6	459 462	35 3620
8417	8.4	22 18.78	2.0263	0.0009	39 53 7.0	7.049	0.274	81.1	283 441	39 3766
8418	7.5	22 21.43	2.1744	0.0012	35 39 19.5	7.052	0.294	80.5	273 277	35 3623
8419	7.9	22 22.38	2.1983	0.0012	34 55 40.5	7.054	0.298	80.5	266 269	34 3551
8420	9.1	22 29.03	2.0702	0.0010	38 41 13.4	7.063	0.280	87.5	431 436 700 701	38 3594
8421	6.9	19 22 30.05	+2.0330	+0.0009	+39 42 37.9	+7.064	+0.275	81.1	283 441	39 3767
8422	9.0	22 31.16	2.0197	0.0009	40 4 19.0	7.066	0.273	80.5	271 275	40 3728
8423	8.1	22 33.20	2.1477	0.0011	36 27 50.1	7.069	0.290	81.6	439 447	36 3562
8424	9.1	22 39.63	2.1647	0.0011	35 57 34.8	7.077	0.292	80.6	280 285	35 3625
8425	8.0	22 39.92	2.1186	0.0011	37 19 9.7	7.078	0.286	81.5	426 428	37 3462
8426	9.2	19 22 47.87	+2.1794	+0.0012	+35 31 30.6	+7.089	+0.295	80.5	266 269	35 3628
8427	8.6[3]	22 54.58	2.1702	0.0011	35 48 18.4	7.098	0.293	81.6	434 455	35 3630
8428	8.7	23 2.13	2.0990	0.0010	37 54 7.5	7.108	0.283	89.5	438 702 703	37 3463
8429	8.2	23 7.27	2.1349	0.0011	36 51 51.1	7.115	0.288	81.6	451 464 466	36 3564
8430	8.9	23 8.91	2.1200	0.0011	37 18 11.2	7.117	0.286	81.6	434 455	37 3464
8431	8.5	19 23 9.51	+2.0763	+0.0010	+38 32 59.7	+7.118	+0.280	81.6	459 462	38 3601
8432	8.3	23 11.14	2.1549	0.0011	36 16 31.5	7.120	0.291	81.6	439 447	36 3566
8433	8.9	23 11.87	2.1579	0.0011	36 11 18.7	7.121	0.291	81.5	431 436	36 3565
8434	6.6	23 12.96	2.1067	0.0010	37 41 16.9	7.123	0.284	81.6	430 450	37 3465
8435	8.9	23 18.19	2.1656	0.0011	35 57 47.8	7.130	0.292	80.5	273 277	35 3634
8436	8.9	19 23 34.08	+2.1948	+0.0012	+35 5 13.9	+7.152	+0.296	80.6	280 285	35 3637
8437	8.7	23 34.09	2.0411	0.0009	39 32 28.7	7.152	0.275	80.5	271 275	39 3771
8438	8.1	23 34.73	2.0570	0.0010	36 9 20.5	7.152	0.277	81.5	426 428	36 3568
8439	9.3	23 38.94	2.1803	0.0012	35 32 4.3	7.158	0.294	87.6	444 453 702 703	35 3638
8440	9.4	23 40.65	2.1485	0.0011	36 29 28.2	7.160	0.289	89.5	462 700 701	36 3569
8441	8.6	19 23 50.03	+2.1972	+0.0012	+35 1 36.4	+7.173	+0.296	80.5	266 269	34 3564
8442	8.4	23 51.10	2.1965	0.0012	35 2 51.0	7.175	0.296	81.6	451 464 466	35 3639
8443	8.4	23 51.24	2.1747	0.0011	35 42 45.1	7.175	0.293	81.6	438 457	35 3640
8444	9.1	23 51.61	2.1667	0.0011	35 57 19.6	7.175	0.294	81.6	439 447	35 3641
8445	8.9	23 52.51	2.1381	0.0011	36 48 14.9	7.177	0.288	81.6	430 450	36 3570
8446	9.0	19 23 55.58	+2.1105	+0.0010	+37 36 43.7	+7.181	+0.284	81.6	444 453	37 3473
8447	9.4	23 58.64	2.0876	0.0010	38 16 5.0	7.185	0.281	81.5	431 436	38 3602
8448	8.6	24 4.76	2.0207	0.0009	40 7 2.2	7.193	0.272	80.5	271 275	40 3737
8449	8.4	24 9.66	2.1481	0.0011	36 31 23.8	7.200	0.289	81.6	434 455	36 3572
8450	7.9	24 10.81	2.1343	0.0011	36 55 58.9	7.202	0.287	81.6	459 462	36 3574

[1] Dpl. bor. praec. [2] Z. 430 450; M 33 34 35 196 201 307 308 309 310 [3] Dpl. austr. praec.

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8451	6.4	19h 24m 23s.83	+2s.0373	+0s.0009	+39° 41′ 5″.3	+7″.219	+0″.274	81.1	283 441	39° 3777
8452	9.4	24 24.55	2.0226	0.0009	40 4 56.8	7.220	0.272	87.0	271 275 700 701	40 3744
8453	8.7	24 30.33	2.2010	0.0012	34 56 17.9	7.228	0.297	80.5	266 269	34 3572
8454	9.3	24 35.35	2.1724	0.0012	35 49 1.9	7.235	0.292	80.5	273 277	35 3646
8455	8.8	24 43.73	2.1340	0.0011	36 58 2.7	7.246	0.287	81.5	426 428	36 3577
8456	8.2	19 24 44.15	+2.1973	+0.0012	+35 3 46.3	+7.247	+0.296	80.6	280 285	35 3648
8457	8.6	24 46.00	2.0381	0.0009	39 40 44.5	7.249	0.274	81.1	283 441	39 3781
8458	8.8	24 47.96	2.1432	0.0011	36 41 51.4	7.252	0.288	81.6	438 457	36 3578
8459	9.2	24 49.89	2.1310	0.0011	37 3 28.7	7.255	0.286	81.6	451 464 466	37 3479
8460	9.1	24 50.03	2.0818	0.0010	38 28 17.0	7.255	0.280	81.6	439 447	38 3609
8461	8.7	19 24 57.40	+2.0936	+0.0010	+38 8 38.1	+7.265	+0.282	81.5	431 436	38 3612
8462	8.8	24 58.82	2.1621	0.0011	36 8 39.7	7.267	0.291	81.6	434 455	36 3580
8463	6.6	24 59.02	2.1660	0.0011	36 1 33.3	7.267	0.291	81.6	430 450	35 3650
8464	8.7	25 5.96	2.1562	0.0011	36 19 36.3	7.277	0.290	81.5	426 428	36 3582
8465	9.5	25 24.62	2.1833	0.0012	35 31 26.9	7.302	0.293	87.1	280 285 700 701	35 3653
8466	8.8	19 25 31.84	+2.0517	+0.0010	+39 20 34.7	+7.312	+0.276	81.6	459 462	39 3783
8467	8.1	25 32.63	2.0459	0.0009	39 30 15.8	7.313	0.275	81.6	444 453	39 3784
8468	9.5	25 37.59	2.0724	0.0010	38 46 23.6	7.319	0.279	81.6	438 457	38 3618
8469	9.5	25 42.28	2.0314	0.0009	39 54 23.9	7.326	0.273	81.1	283 441	39 3785
8470	9.1	25 46.77	2.0299	0.0009	39 56 56.8	7.332	0.273	80.5	271 275	39 3787
8471	8.7	19 25 49.32	+2.1413	+0.0011	+36 48 7.5	+7.335	+0.287	81.6	451 464 466	36 3585
8472	9.2	25 52.05	2.1772	0.0012	35 43 54.9	7.339	0.292	80.5	266 269	35 3656
8473	9.4	25 59.54	2.0713	0.0010	38 49 17.1	7.349	0.278	81.6	431 436 455	38 3619
8474	9.0	26 2.20	2.0638	0.0010	39 2 0.9	7.353	0.277	81.6	439 447	38 3620
8475	8.5	26 2.43	2.0768	0.0010	38 40 15.1	7.353	0.279	89.5	434 702 703	38 3621
8476	9.2	19 26 3.33	+2.1800	+0.0012	+35 39 18.7	+7.354	+0.293	80.5	273 277	35 3657
8477	9.0	26 7.55	2.0763	0.0011	38 41 19.0	7.360	0.279	89.5	434 700 701	38 3622
8478	8.3	26 8.29	2.0331	0.0009	39 52 56.6	7.361	0.273	81.6	444 453	39 3789
8479	9.2	26 14.43	2.0894	0.0010	38 19 32.5	7.369	0.280	81.6	459 462	38 3623
8480	6.1	26 15.51	2.1700	0.0012	35 58 0.4	7.371	0.291	81.6	430 450	35 3658
8481	9.0	19 26 18.35	+2.1643	+0.0011	+36 8 25.9	+7.375	+0.290	81.5	426 428	36 3587
8482	9.0	26 30.93	2.1273	0.0011	37 14 51.3	7.392	0.285	81.6	451 464 466	37 3490
8483	8.7	26 32.28	2.1865	0.0012	35 28 47.7	7.394	0.293	81.6	438 457	35 3660
8484	8.8	26 33.48	2.0774	0.0010	38 40 41.9	7.395	0.279	81.3	283 441 455	38 3626
8485	8.9	26 35.45	2.1976	0.0012	35 8 18.3	7.398	0.295	80.6	280 285	35 3661
8486	8.5	19 26 36.86	+2.0383	+0.0009	+39 45 42.8	+7.400	+0.273	80.5	271 275	39 3793
8487	8.8	26 47.73	2.2014	0.0012	35 1 50.8	7.415	0.295	80.5	266 269	34 3585
8488	8.3	26 47.99	2.2039	0.0012	34 57 12.5	7.415	0.295	80.5	273 277	34 3586
8489	8.7[1]	26 52.73	2.1552	0.0011	36 26 27.7	7.421	0.289	81.6	439 447	36 3588
8490	8.0	26 53.93	2.0971	0.0010	38 8 14.6	7.423	0.281	81.6	430 450	38 3632
8491	8.5	19 26 56.82	+2.1551	+0.0011	+36 26 48.9	+7.427	+0.289	81.5	431 436	36 3589
8492	9.0	27 6.29	2.1287	0.0011	37 13 58.5	7.440	0.285	81.6	459 462	37 3493
8493	8.9	27 8.50	2.1229	0.0011	37 24 19.5	7.443	0.284	81.6	451 464 466	37 3494
8494	9.1	27 12.20	2.1630	0.0011	36 13 19.3	7.448	0.290	81.6	438 457	36 3593
8495	9.3	27 16.66	2.0681	0.0010	38 58 28.1	7.454	0.277	81.6	434 455	38 3635
8496	8.3	19 27 21.81	+2.1112	+0.0010	+37 45 17.0	+7.461	+0.283	81.6	444 453	37 3495
8497	8.6	27 23.11	2.1606	0.0011	36 18 6.5	7.463	0.289	80.6	280 285	36 3595
8498	8.9	27 40.65	2.0841	0.0010	38 32 37.2	7.486	0.279	81.5	426 428	38 3639
8499	8.9	27 41.01	2.0863	0.0010	38 28 53.0	7.487	0.279	81.5	426 428	38 3640
8500	9.2	27 41.06	2.1638	0.0012	36 13 20.1	7.487	0.290	81.5	431 436	36 3598

[1] Dpl. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8501	7.8	$19^h\ 27^m\ 43^s.43$	$+2^s.2059$	$+0^s.0012$	$+34^\circ\ 56'\ 9''.6$	$+7''.490$	$+0''.295$	80.5	266 269	34° 3596
8502	8.0	27 56.14	2.0260	0.0009	40 9 43.4	7.507	0.271	80.5	271 275	40 3773
8503	8.8	27 59.24	2.1658	0.0012	36 10 25.3	7.511	0.290	81.1	273 277 438 457	36 3600
8504	9.1	28 4.32	2.1535	0.0011	36 32 54.9	7.518	0.288	81.6	451 464 466	36 3601
8505	9.0	28 4.52	2.1579	0.0011	36 25 0.0	7.519	0.288	81.5	431 436	36 3602
8506	8.4	19 28 5.40	+2.0670	+0.0010	+39 2 33.8	+7.520	+0.276	81.1	283 441	39 3803
8507	8.2	28 21.21	2.1314	0.0011	37 12 59.0	7.541	0.285	81.6	434 455	37 3501
8508	9.1	28 24.18	2.0812	0.0010	38 39 46.3	7.545	0.278	81.5	426 428	38 3644
8509	8.8	28 32.70	2.1865	0.0012	35 34 18.6	7.557	0.292	80.5	266 269	35 3673
8510	7.7	28 38.98	2.0554	0.0010	39 23 39.0	7.565	0.274	81.1	283 441	39 3809
8511	9.1	19 28 52.49	+2.1657	+0.0012	+36 13 20.2	+7.583	+0.289	81.6	451 464 466	36 3608
8512	7.0	28 57.42	2.1813	0.0012	35 45 9.3	7.590	0.291	80.5	273 277	35 3678
8513	8.5	28 58.20	2.1919	0.0012	35 25 42.0	7.591	0.293	85.5	299 513 522	35 3679
8514	9.1	29 0.63	2.1765	0.0012	35 54 0.9	7.594	0.291	80.6	280[1] 285	35 3680
8515	7.7	29 3.45	2.1807	0.0012	35 46 36.9	7.598	0.291	81.6	438 457	35 3681
8516	8.9	19 29 12.29	+2.0368	+0.0009	+39 56 0.1	+7.610	+0.272	81.6	434 455	39 3816
8517	6.6	29 15.21	2.0887	0.0010	38 29 26.8	7.614	0.279	81.7	462; M 211 212	38 3650
8518	9.5	29 16.15	2.0952	0.0010	38 18 31.5	7.615	0.280	81.5	431 436	38 3652
8519	8.8	29 16.96	2.0276	0.0009	40 11 10.4	7.616	0.270	80.5	271 275	40 3782
8520	9.1	29 25.06	2.0785	0.0010	38 47 21.7	7.627	0.277	81.5	426 428	38 3654
8521	7.9	19 29 26.26	+2.0545	+0.0010	+39 27 27.1	+7.629	+0.274	81.1	283 441	39 3818
8522	8.9	29 31.58	2.1510	0.0011	36 41 32.6	7.636	0.287	80.6	280 285	36 3609
8523	8.7	29 34.41	2.0866	0.0010	38 34 4.5	7.640	0.278	81.6	459 462	38 3656
8524	8.4	29 40.14	2.1621	0.0012	36 22 8.2	7.648	0.288	81.6	451 464 466	36 3610
8525	8.8	29 45.26	2.1649	0.0012	36 17 17.6	7.655	0.289	81.6	438 457	36 3612
8526	8.7	19 29 55.57	+2.1493	+0.0011	+36 45 47.0	+7.668	+0.286	81.5	431 436	36 3613
8527	8.6	29 58.21	2.1927	0.0012	35 27 6.5	7.672	0.292	80.5	266 269	35 3688
8528	8.8	30 2.54	2.2066	0.0012	35 1 32.4	7.678	0.294	85.1	50[2] 512 520	34 3614
8529	8.3	30 17.54	2.0740	0.0010	38 57 30.8	7.698	0.276	81.6	434 455	38 3659
8530	8.3	30 20.04	2.0727	0.0010	38 59 48.0	7.701	0.276	81.6	434 455	38 3660
8531	8.7	19 30 26.60	+2.0831	+0.0010	+38 42 34.3	+7.710	+0.277	81.5	426 428	38 3661
8532	8.8	30 34.50	2.0669	0.0010	39 10 21.6	7.721	0.275	81.1	271 275 438 457	39 3822
8533	8.8	30 34.54	2.0560	0.0010	39 28 25.9	7.721	0.274	93.5	700 701	39 3823
8534	8.7	30 35.59	2.1969	0.0012	35 21 14.6	7.722	0.293	80.5	273 277	35 3693
8535	8.3	30 36.60	2.1944	0.0012	35 25 52.2	7.724	0.292	85.5	299 513 522	35 3694
8536	9.2	19 30 44.79	+2.0558	+0.0010	+39 29 23.0	+7.735	+0.273	80.7	307 311	39 3825
8537	8.4	30 52.09	2.0466	0.0009	39 45 1.9	7.745	0.272	80.7	287 290	39 3826
8538	8.9	31 7.33	2.1763	0.0012	36 0 47.4	7.765	0.290	80.6	280[3] 285	35 3699
8539	8.8	31 7.46	2.1982	0.0012	35 20 16.6	7.765	0.292	80.5	266 269	35 3698
8540	9.2	31 13.76	2.0533	0.0009	39 35 2.6	7.774	0.273	80.7	317 321	39 3828
8541	8.8	19 31 16.85	+2.1946	+0.0012	+35 27 25.4	+7.778	+0.292	80.5	273 277	35 3700
8542	6.0	31 18.80	2.1549	0.0011	36 40 5.5	7.781	0.286	81.6	7 Beob.[4]	36 3619
8543	7.4	31 20.61	2.0474	0.0009	39 45 8.0	7.783	0.272	81.5	432 435	39 3831
8544	8.9	31 20.79	2.1275	0.0011	37 28 47.8	7.783	0.283	81.5	427 429	37 3520
8545	8.8	31 22.17	2.0464	0.0009	39 46 56.7	7.786	0.272	80.7	317 321	39 3832
8546	8.9	19 31 23.58	+2.0322	+0.0009	+40 10 14.7	+7.787	+0.270	80.1	36 284	40 3795
8547	9.1	31 29.31	2.0443	0.0009	39 50 46.9	7.795	0.271	87.1	307 311 700 701	39 3836
8548	8.4	31 29.61	2.1515	0.0011	36 46 39.3	7.795	0.286	81.6	437 442	36 3621
8549	7.3	31 30.99	2.2117	0.0012	34 56 13.0	7.797	0.294	87.7	513 520	34 3625
8550	9.3	31 37.53	2.1883	0.0012	35 40 8.3	7.806	0.291	81.6	438 457	35 3702

[1] Dpl. $15''$ austr. praec. [2] Dpl. aeq. seq. [3] Dpl. $1''.5$ bor. praec. [4] Z. 451 464 466; M 194 196 197 201

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8551	9.1	$19^h\ 31^m\ 39^s.73$	$+2^s.1725$	$+0^s.0012$	+36° 9' 9".0	+7".809	+0".289	81.6	459 462	36° 3623
8552	8.6	31 42.43	2.1978	0.0012	35 22 55.3	7.812	0.292	93.5	702 703	35 3703
8553	8.2	31 47.19	2.1973	0.0012	35 24 0.5	7.819	0.292	80.6	266 269 280 285	35 3705
8554	8.4	31 49.20	2.1970	0.0012	35 24 35.8	7.821	0.292	80.6	280 285	35 3706
8555	9.0	31 49.88	2.2103	0.0012	34 59 50.5	7.822	0.293	86.7	299 522	34 3629
8556	8.0	19 31 50.81	+2.0733	+0.0010	+39 3 30.5	+7.823	+0.275	80.1	36 284	39 3837
8557	9.1	31 54.66	2.1489	0.0011	36 52 36.0	7.829	0.285	81.6	451 464 466	36 3627
8558	8.3	31 55.32	2.1515	0.0011	36 48 1.9	7.829	0.285	81.6	437 442	36 3628
8559	8.1	31 59.59	2.1664	0.0012	36 21 16.2	7.835	0.287	81.5	427 429	36 3629
8560	8.6	32 18.18	2.1780	0.0012	36 1 10.2	7.860	0.289	80.5	273 277	35 3708
8561	8.5	19 32 19.71	+2.0604	+0.0010	+39 26 37.8	+7.862	+0.273	80.7	287 290	39 3841
8562	9.1	32 22.80	2.1029	0.0010	38 14 45.8	7.866	0.279	81.5	432 435	38 3674
8563	9.3	32 27.74	2.0809	0.0010	38 52 35.3	7.873	0.276	80.7	317 321	38 3676
8564	8.8	32 28.86	2.1484	0.0011	36 55 10.2	7.875	0.285	81.6	438 457	36 3633
8565	6.3	32 33.06	2.1081	0.0010	38 6 15.1	7.880	0.280	81.6	451 464 466	38 3677
8566	8.7	19 32 43.88	+2.1489	+0.0011	+36 55 5.0	+7.895	+0.285	81.6	437 442	36 3634
8567	9.0	32 45.25	2.1349	0.0011	37 19 57.0	7.897	0.283	81.5	427 429	37 3528
8568	9.1	32 52.36	2.0967	0.0010	38 27 0.9	7.906	0.278	80.7	287 290	38 3679
8569	8.4	32 53.32	2.0437	0.0009	39 56 5.2	7.907	0.270	80.1	36 284	39 3844
8570	6.9	32 54.80	2.1015	0.0010	38 18 48.7	7.909	0.279	80.7	307 311	38 3680
8571	9.0	19 32 56.69	+2.2101	+0.0012	+35 3 33.6	+7.912	+0.292	80.5	266 269	35 3713
8572	8.5	33 15.16	2.2150	0.0012	34 55 18.0	7.937	0.293	85.1	50 512 520	34 3639
8573	6.6	33 24.68	2.2135	0.0012	34 58 41.3	7.949	0.293	85.5	299 513 522	34 3640
8574	8.4	33 32.25	2.1951	0.0012	35 33 22.7	7.959	0.290	80.5	273 277	35 3715
8575	8.6	33 42.73	2.0967	0.0010	38 29 33.3	7.974	0.278	89.1	290 700 701	38 3683
8576	8.7	19 33 45.56	+2.1510	+0.0011	+36 54 27.1	+7.977	+0.284	81.5	427 429	36 3643
8577	9.0	33 47.93	2.2107	0.0012	35 5 3.7	7.980	0.292	80.5	273 277	35 3719
8578	9.1	33 50.57	2.0357	0.0009	40 12 16.9	7.984	0.269	80.1	36 284	40 3815
8579	8.7	33 58.16	2.1616	0.0012	36 36 0.7	7.994	0.286	81.5	432 435	36 3644
8580	9.0	34 2.42	2.1853	0.0012	35 53 4.1	8.000	0.289	89.5	437 700 701	35 3723
8581	7.6	19 34 2.47	+2.1329	+0.0011	+37 27 36.2	+8.000	+0.282	81.6	438 457	37 3535
8582	8.7	34 4.56	2.1927	0.0012	35 39 28.2	8.003	0.290	80.6	280 285	35 3724
8583	8.8	34 14.63	2.1475	0.0011	37 2 17.3	8.016	0.284	81.6	451 464 466	36 3648
8584	8.5	34 18.52	2.2157	0.0012	34 57 15.8	8.021	0.292	80.5	266 269	34 3645
8585	9.2	34 34.34	2.0379	0.0009	40 10 53.3	8.043	0.269	80.1	36 284	40 3820
8586	8.6	19 34 35.54	+2.1941	+0.0012	+35 38 33.6	+8.044	+0.290	80.6	280 285	35 3729
8587	9.0	34 37.37	2.1335	0.0011	37 28 20.1	8.047	0.283	81.7	462; M 211 212	37 3544
8588	7.9	34 39.50	2.2102	0.0012	35 8 36.6	8.049	0.292	80.5	273 277	35 3730
8589	8.9	34 40.04	2.1165	0.0011	37 58 26.2	8.050	0.280	81.6	438 457	37 3545
8590	8.3	34 44.23	2.1577	0.0012	36 45 28.7	8.056	0.285	81.6	451 464 466	36 3651
8591	9.2	19 34 50.09	+2.0893	+0.0010	+38 45 52.0	+8.064	+0.276	80.7	287 290	[38 3690]
8592	9.0	34 54.06	2.2072	0.0012	35 15 3.3	8.069	0.291	87.5	432 435 700 701	35 3733
8593	9.4	34 55.67	2.2012	0.0012	35 26 21.2	8.071	0.290	81.5	427 429	35 3734
8594	8.7	34 57.90	2.2146	0.0012	35 1 26.3	8.074	0.292	85.1	50 512 520	34 3651
8595	9.4	35 1.02	2.0617	0.0009	39 33 8.5	8.078	0.272	87.1	307 311 702 703	39 3859
8596	8.6	19 35 1.86	+2.1368	+0.0011	+37 23 50.1	+8.079	+0.282	81.6	437 442	37 3549
8597	8.3	35 5.02	2.1574	0.0012	36 47 13.4	8.083	0.284	81.6	451 464 466	36 3655
8598	8.6	35 5.25	2.0912	0.0010	38 43 26.2	8.084	0.276	93.5	702 703	38 3693
8599	8.7	35 5.41	2.1761	0.0012	36 13 16.5	8.084	0.287	81.6	459 462	36 3656
8600	9.4	35 9.39	2.1253	0.0011	37 44 33.9	8.089	0.280	81.6	438 457	37 3551

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8601	8.2	19h 35m 10s.35	+2s.2075	+0s.0012	+35° 15' 25".7	+8".091	+0".291	81.5	432 435	35° 3736
8602	9.5	35 13.28	2.1907	0.0012	35 46 50.2	8.095	0.289	80.6	280 285	35 3737
8603	8.4	35 17.42	2.1043	0.0010	38 21 23.2	8.100	0.278	80.7	317 321	38 3695
8604	8.4	35 20.32	2.2050	0.0012	35 20 27.7	8.104	0.290	80.5	273 277	35 3739
8605	8.4	35 26.18	2.0958	0.0010	38 36 33.3	8.112	0.276	81.5	427 429	38 3696
8606	8.4	19 35 29.32	+2.2206	+0.0012	+34 51 35.5	+8.116	+0.292	85.5	299 513 522	*34 3653*
8607	9.5	35 30.66	2.0907	0.0010	38 45 36.5	8.118	0.275	80.7	317 321	38 3698
8608	8.4	35 35.38	2.2176	0.0012	34 57 39.6	8.124	0.292	80.6	266 269 299	34 3655
8609	8.9	35 47.64	2.0808	0.0010	39 3 20.3	8.140	0.274	80.1	36 284	39 3865
8610	8.9	35 56.47	2.2167	0.0012	35 0 29.4	8.152	0.292	90.6	513 522 700 701	34 3659
8611	8.4	19 35 56.63	+2.0691	+0.0010	+39 23 39.5	+8.152	+0.272	80.7	287 290	39 3868
8612	8.5	35 57.13	2.0700	0.0010	39 22 6.0	8.153	0.272	80.7	307 311	39 3869
8613	8.4	36 4.39	2.2010	0.0012	35 30 23.1	8.163	0.289	85.1	50 512 520	35 3743
8614	9.2	36 11.04	2.2122	0.0012	35 9 43.5	8.171	0.291	80.5	266 269	35 3744
8615	9.3	36 26.21	2.1102	0.0010	38 15 1.2	8.192	0.278	80.7	317 321	38 3705
8616	9.1	19 36 28.44	+2.0477	+0.0009	+40 1 2.6	+8.195	+0.269	80.7	307 311	39 3871
8617	9.3	36 34.20	2.1255	0.0011	37 48 39.8	8.202	0.280	81.5	432 435	37 3559
8618	9.1	36 42.13	2.1471	0.0011	37 10 46.7	8.213	0.282	81.6	438 457	37 3561
8619	9.1	36 46.12	2.0650	0.0009	39 33 9.2	8.218	0.271	80.7	287 290	39 3873
8620	9.1	36 51.78	2.1330	0.0011	37 47 54.4	8.226	0.280	81.5	427 429	37 3564
8621	8.8	19 36 53.65	+2.2056	+0.0012	+35 24 21.3	+8.228	+0.290	89.2	269 700 701	35 3749
8622	9.0	36 54.33	2.2020	0.0012	35 31 16.3	8.229	0.289	80.6	280 285	35 3750
8623	7.5	36 58.96	2.1141	0.0011	38 9 59.0	8.235	0.278	81.6	444 453	38 3711
8624	8.6	36 59.20	2.1027	0.0010	38 29 44.1	8.236	0.277	81.6	437 442	38 3710
8625	9.1	37 1.02	2.0904	0.0010	38 51 9.1	8.238	0.275	81.6	451 464 466	38 3712
8626	9.0	19 37 4.81	+2.0459	+0.0009	+40 5 59.9	+8.243	+0.268	80.1	36 284	40 3844
8627	9.1	37 16.74	2.0988	0.0010	38 37 16.4	8.259	0.276	81.6	451 464 466	38 3713
8628	9.0	37 19.43	2.1603	0.0012	36 49 0.0	8 262	0.284	81.6	439 447	36 3667
8629	8.6	37 21.91	2.2068	0.0012	35 23 41.5	8.266	0.289	81.2	266 459 462	35 3753
8630	6.8	37 21 96	2.0599	0.0009	39 43 45.1	8.266	0.270	80.7	307 311	39 3876
8631	7.6	19 37 22.08	+2.1894	+0.0012	+35 55 58.3	+8.266	+0.287	89.3	273 704 707	35 3754
8632	8.1	37 24.52	2.1560	0.0012	36 57 7.7	8.269	0.283	87.5	432 435 702 703	36 3668
8633	9.5	37 26.83	2.1235	0.0012	37 55 3.7	8.272	0.278	81.5	427 429	37 3568
8634	8.8	37 34.71	2.2226	0.0012	34 54 31.9	8.283	0.291	85.4	299 513 522	34 3670
8635	8.9	37 35.18	2.1858	0.0012	36 3 26.9	8.283	0.287	81.6	437 442	36 3670
8636	8.8	19 37 35.98	+2.2177	+0.0012	+35 3 53.9	+8.284	+0.291	80.6	280 285	35 3755
8637	9.2	37 39.86	2.1469	0.0012	37 14 21.6	8.290	0.282	87.5	438 457 702 703	37 3571
8638	6.4	37 41.17	2.0522	0.0009	39 57 34.5	8.291	0.269	80.7	287 290	39 3878
8639	8.2	37 50.76	2.1465	0.0012	37 15 38.2	8.304	0.282	81.6	438 457	37 3573
8640	8.4	37 53.32	2.2097	0.0012	35 19 48.4	8.307	0.290	85.1	50 512 520	35 3757
8641	9.0	19 37 56.18	+2.0512	+0.0009	+40 0 7.4	+8.311	+0.268	80.1	36 284	39 3879
8642	8.9	37 56.96	2.1908	0.0012	35 55 13.2	8.312	0.287	80.5	266 269	35 3758
8643	7.8	38 10.96	2.1437	0.0011	37 21 38.2	8.331	0.281	81.6	459 462	37 3576
8644	7.6	38 14.54	2.2034	0.0012	35 32 52.1	8.336	0.289	81.5	427 429	35 3761
8645	7.4	38 15.40	2.2064	0.0012	35 27 15.4	8.337	0.289	89.2	273 700 701	35 3762
8646	7.8	19 38 16.35	+2.0616	+0.0009	+39 43 52.2	+8.338	+0.270	80.7	317 321	39 3881
8647	8.0	38 18.73	2.0627	0.0009	39 42 14.2	8.341	0.270	80.7	317 321	39 3882
8648	7.3	38 20.70	2.1430	0.0011	37 23 27.6	8.344	0.281	81.6	439 447	37 3577
8649	7.8	38 24.99	2.1435	0.0011	37 22 56.3	8.349	0.281	81.6	439 447	37 3578
8650	8.0	38 25.05	2.2159	0.0012	35 9 51.0	8.349	0.290	80.6	280 285	35 3764

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8651	9.1	19h 38m 25s.58	+2s.1440	+0s.0011	+37° 21′ 56″.4	+8″.350	+0″.281	81.6	437 442	37° 3579
8652	9.4	38 26.76	2.1590	0.0012	36 55 5.2	8.352	0.283	81.5	432 435	36 3672
8653	9.1	38 28.64	2.0579	0.0009	39 50 48.7	8.354	0.269	80.7	307 311	39 3884
8654	8.2	38 38.19	2.1183	0.0011	38 8 5.9	8.367	0.278	81.6	464 466	38 3722
8655	9.1	38 38.22	2.0506	0.0009	40 3 30.6	8.367	0.268	80.1	36 284	40 3855
8656	9.0	19 38 41.16	+2.2152	+0.0012	+35 12 1.7	+8.371	+0.290	85.4	299 513 522	35 3769
8657	8.3	38 42.69	2.1914	0.0012	35 56 42.5	8.373	0.287	80.5	266 269 273 277	35 3770
8658	8.7	38 44.79	2.1189	0.0011	38 7 30.2	8.376	0.278	81.6	438 457	38 3723
8659	7.2	38 46.57	2.0638	0.0009	39 41 59.6	8.378	0.270	80.7	287 290	39 3885
8660	6.2	38 46.89	2.1104	0.0011	38 22 29.0	8.379	0.277	81.6	459 462	38 3725
8661	9.5	19 39 13.34	+2.0857	+0.0010	+39 6 32.6	+8.413	+0.273	88.6	5 Beob. [1]	39 3886
8662	8.4	39 17.59	2.2185	0.0012	35 7 43.8	8.419	0.290	81.1	280 285 427 429	35 3773
8663	9.2	39 20.92[2]	2.0735	0.0010	39 27 40.1	8.424	0.271	89.6 87.6	437 442 704 707	39 3887
8664	7.2	39 21.52	2.1235	0.0011	38 1 25.6	8.424	0.278	81.6	451 464 466[3]	37 3582
8665	8.4	39 21.87	2.1216	0.0011	38 4 48.2	8.425	0.278	81.5	432 435	38 3733
8666	7.2	19 39 24.87	+2.0743	+0.0010	+39 26 34.5	+8.429	+0.271	80.7	307 311	39 3888
8667	7.6	39 33.96	2.1347	0.0011	37 42 27.8	8.441	0.279	81.6	438 444 453	37 3584
8668	9.0	39 35.07	2.1301	0.0011	37 50 32.5	8.442	0.279	94.1	702 703; M 318 319	37 3583
8669	9.0	39 35.96	2.0886	0.0010	39 2 51.9	8.444	0.273	80.7	287 290	39 3890
8670	8.7	39 37.04	2.1373	0.0011	37 38 0.2	8.445	0.280	81.6	457 459 462	37 3585
8671	8.9	19 39 38.36	+2.2225	+0.0012	+35 1 13.2	+8.447	+0.290	85.1	50 512 520	34 3688
8672	9.3	39 38.65	2.1659	0.0012	36 46 35.9	8.447	0.283	89.5	437 700 701	36 3678
8673	8.5	39 42.32	2.0674	0.0009	39 39 14.9	8.452	0.270	80.1	36 284	39 3891
8674	5.3	39 46.15	2.1570	0.0012	37 3 12.1	8.457	0.282		**Fund. Cat.**	37 3586
8675	9.4	39 57.81	2.2068	0.0012	35 32 2.3	8.472	0.288	81.1	6 Beob. [4]	35 3778
8676	8.5	19 40 1.25	+2.0915	+0.0010	+38 59 16.2	+8.477	+0.273	81.5	432 435	38 3739
8677	8.6	40 4.86	2.1786	0.0012	36 24 48.0	8.482	0.284	81.5	427 429	36 3680
8678	9.2	40 8.59	2.2188	0.0012	35 9 51.4	8.487	0.289	85.4	299 513 522	35 3780
8679	8.7	40 31.96	2.0643	0.0009	39 47 7.4	8.518	0.269	80.7	307 311	39 3895
8680	9.1	40 41.15	2.0963	0.0010	38 53 19.2	8.530	0.274	81.6	438 457	38 3741
8681	9.5	19 40 46.09	+2.1583	+0.0012	+37 4 11.3	+8.536	+0.281	81.6	451 466	37 3593
8682	8.4	40 46.87	2.1911	0.0012	36 4 7.6	8.537	0.285	80.5	273 277	36 3685
8683	9.1	40 47.50	2.1675	0.0012	36 47 35.4	8.538	0.283	80.6	280 285	36 3686
8684	8.7	40 50.10	2.0704	0.0009	39 37 59.4	8.541	0.270	80.7	287 290	39 3897
8685	8.8	41 2.07	2.0581	0.0009	39 59 21.3	8.557	0.268	80.1	36 284	39 3898
8686	8.9	19 41 2.48	+2.1572	+0.0012	+37 7 5.7	+8.558	+0.281	87.5	437 442 700 701	37 3595
8687	8.9	41 4.09	2.0897	0.0010	39 5 54.5	8.560	0.272	80.7	317 321	39 3899
8688	6.6	41 4.48	2.2007	0.0012	35 47 14.9	8.560	0.286	80.5	266 269	35 3786
8689	8.0	41 5.51	2.2008	0.0012	35 47 5.4	8.562	0.286	80.5	266 269	35 3787
8690	9.0	41 8.17	2.0977	0.0010	38 52 28.1	8.565	0.273	81.5	427 429	38 3746
8691	8.8	19 41 10.21	+2.1571	+0.0012	+37 7 45.5	+8.568	+0.281	81.5	432 435	37 3597
8692	8.3	41 16.21	2.1566	0.0012	37 8 55.7	8.576	0.281	81.6	437 442	37 3598
8693	8.9	41 21.86	2.0696	0.0010	39 41 11.1	8.583	0.269	81.6	456 458	39 3900
8694	7.7	41 22.08	2.2215	0.0012	35 8 52.0	8.584	0.289	85.1	50 512 520	35 3791
8695	8.6	41 23.44	2.0868	0.0010	39 12 0.6	8.585	0.272	80.7	317 321	39 3901
8696	9.1	19 41 26.56	+2.1214	+0.0011	+38 12 19.0	+8.590	+0.276	87.6	459 462 700 701	38 3749
8697	8.8	41 27.15	2.1628	0.0012	36 58 16.1	8.590	0.282	81.6	439 447	36 3692
8698	8.9	41 30.55	2.0662	0.0010	39 47 25.6	8.595	0.269	80.7	307 311	39 3902
8699	8.6	41 32.95	2.1730	0.0012	36 40 6.9	8.598	0.283	80.6	280 285	36 3694
8700	7.4	41 35.96	2.0737	0.0010	39 35 3.6	8.602	0.270	80.1	36 284	39 3905

[1] Z. 317 321 702 703; M 317 [2] Z. 437 [19s.24] [3] Obl.? [4] Z. 269 273 277 451 464 466

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8701	8.5	$19^h\ 41^m\ 35^s.98$	$+2^s.0815$	$+0^s.0010$	+39° 21' 39".3	+8".602	+0".271	81.6	451 464 466	39° 3903
8702	7.9	41 49.17	2.1509	0.0012	37 21 11.9	8.619	0.280	81.6	456 458	37 3600
8703	9.0	41 51.37	2.1575	0.0012	37 9 24.8	8.622	0.281	81.5	432 435	37 3601
8704	8.6	41 53.66	2.1312	0.0011	37 56 36.5	8.625	0.278	81.5	427 429	37 3603
8705	8.7	42 3.28	2.2097	0.0012	35 33 31.2	8.638	0.287	80.5	273 277	35 3799
8706	9.1	19 42 9.35	+2.0924	+0.0010	+39 5 8.4	+8.646	+0.272	80.7	287 290	39 3907
8707	8.9	42 10.17	2.1576	0.0012	37 10 12.4	8.647	0.281	81.6	437 442	37 3604
8708	7.7	42 14.79	2.0884	0.0010	39 12 19.6	8.653	0.271	80.7	307 311	39 3908
8709	9.4	42 17.52	2.2203	0.0012	35 14 16.7	8.657	0.288	81.5	432 435	35 3800
8710	8.9	42 20.69	2.2291	0.0012	34 57 40.0	8.661	0.289	85.4	299 513 522	34 3710
8711	8.8	19 42 37.91	+2.0756	+0.0010	+39 35 32.4	+8.683	+0.269	80.1	36 284	39 3911
8712	8.5	42 41.16	2.0962	0.0011	39 0 24.6	8.688	0.272	80.7	317 321	38 3756
8713	8.7	42 52.40	2.1784	0.0012	36 34 45.0	8 703	0.283	80.6	280 285	36 3701
8714	6.8	43 1.65	2.1281	0.0011	38 5 56.4	8.715	0.276	81.6	459 462	38 3758
8715	9.3	43 1.70	2.2227	0.0013	35 12 11.6	8.715	0.288	85.4	299 513 522	35 3804
8716	8.0	19 43 3.04	+2.1778	+0.0012	+36 36 26.0	+8.716	+0.282	89.5	427 700 701	36 3703
8717	9.0	43 8.87	2.2092	0.0012	35 38 9.9	8.724	0.286	80.5	266 269	35 3807
8718	8.2	43 11.67	2.1322	0.0011	37 59 20.5	8.728	0.277	81.6	437 442	37 3609
8719	9.3	43 15.91	2.0769	0.0010	39 35 26.7	8.733	0.269	80.7	287 290	39 3913
8720	8.8	43 17.06	2.2278	0.0013	35 3 19.0	8.735	0.288	80.5	273 277	35 3809
8721	8.5	19 43 19.07	+2.1115	+0.0011	+38 36 15.4	+8.738	+0.274	81.6	456 458	38 3760
8722	8.1	43 19.29	2.1775	0.0012	36 38 0.2	8.738	0.282	81.5	432 435	36 3706
8723	8.7	43 20.99	2.1238	0.0011	38 14 46.9	8.740	0.275	81.6	451 464 466	38 3761
8724	8.9	43 23.32	2.2322	0.0013	34 55 22.7	8.743	0.289	85.1	50 512 520	34 3719
8725	8.9	43 36.32	2.1422	0.0012	37 42 59.6	8.760	0.278	81.6	451 464 466	37 3613
8726	7.2	19 43 42.97	+2.1525	+0.0012	+37 24 54.0	+8.769	+0.279	81.6	456 458	37 3616
8727	8.9	43 44.55	2.1644	0.0012	37 3 22.9	8.771	0.280	81.5	427 429	37 3615
8728	7.6	43 45.10	2.1712	0.0012	36 51 0.3	8.772	0.281	80.6	280 285	36 3709
8729	9.2	43 45.18	2.1166	0.0011	38 28 44.8	8.772	0.274	80.7	317 321	38 3763
8730	9.5	43 45.23	2.1717	0.0012	36 50 3.6	8.772	0.281	84.9	280 285 701	36 3710
8731	8.5	19 43 49.02	+2.2213	+0.0013	+35 17 41.6	+8.777	+0.287	80.5	266 269	35 3814
8732	6.5	44 4.17	2.2310	0.0013	34 59 52.8	8.797	0.288	85.4	299 513 522	34 3727
8733	8.9	44 6.66	2.0800	0.0010	39 33 17.6	8.800	0.269	80.1	36 284	39 3919
8734	8.6	44 16.06	2.0957	0.0011	39 6 55.2	8.812	0.271	80.7	287 290	39 3921
8735	8.7	44 16.84	2.1754	0.0012	36 45 13.0	8.813	0.281	80.5	273 277	36 3715
8736	8.4	19 44 17.04	+2.0664	+0.0010	+39 56 55.7	+8.813	+0.267	80.7	307 311	39 3922
8737	9.2	44 19.67	2.1106	0.0011	38 41 15.1	8.817	0.273	81.6	437 442	38 3767
8738	7.1	44 23.40	2.0788	0.0010	39 36 14.0	8.822	0.269	80.7	307 311	39 3923
8739	8.8	44 35.80	2.1242	0.0011	38 18 19.4	8.838	0.275	81.5	432 435	38 3769
8740	9.0	44 38.51	2.1058	0.0011	38 50 51.3	8.842	0.272	80.7	317 321	38 3770
8741	8.8	19 44 44.94	+2.2386	+0.0013	+34 47 32.1	+8.850	+0.289	85.1	50 512 520	*34 3733*
8742	5.9	45 2.09	2.1220	0.0012	38 23 48.6	8.873	0.274	81.5	427 429	38 3772
8743	9.0	45 8.95	2.2019	0.0013	35 59 3.7	8.881	0.284	80.5	266 269	35 3824
8744	9.1	45 17.18	2.0902	0.0011	39 20 0.1	8.892	0.270	80.1	36 284	39 3925
8745	8.6	45 18.61	2.1157	0.0011	38 35 52.4	8.894	0.273	81.6	456 458	38 3773
8746	8.5	19 45 21.83	+2.2222	+0.0013	+35 21 21.5	+8.898	+0.286	80.5	273 277	35 3825
8747	9.1	45 21.84[1]	2.1557	0.0012	37 24 54.4	8.898	0.278	89.5 87.6	437 442 700 701	37 3628
8748	9.5	45 27.12	2.1061	0.0011	38 53 17.3	8.905	0.271	87.1	317 321 702 703	38 3775
8749	8.9	45 28.05	2.2354	0.0013	34 56 18.6	8.907	0.288	85.4	299 513 522	34 3742
8750	8.9	45 30.47	2.0881	0.0011	39 24 35.4	8.910	0.269	89.4	290 704 707	39 3926

[1] Z. 437 [$20^s.82$]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8751	8.7	19h 45m 31s.99	+2s.1648	+0s.0012	+37° 8' 56".0	+8".912	+0".279	81.6	459 462	37° 3631
8752	9.2	45 33.52	2.1848	0.0013	36 32 18.2	8.914	0.282	81.6	451 464 466	36 3721
8753	9.2	45 39.03	2.1935	0.0013	36 16 25.6	8.921	0.283	81.6	439 447	36 3722
8754	6.6	45 43.52	2.2094	0.0013	35 46 56.7	8.927	0.285	81.5	432 435	35 3826
8755	9.5	45 54.00	2.2359	0.0013	34 56 53.4	8.940	0.288	81.0	266 269 427 429	34 3748
8756	8.9	19 45 54.92	+2.1980	+0.0013	+36 8 59.9	+8.941	+0.283	87.6	456 458 702 703	36 3725
8757	9.2	45 58.27	2.0884	0.0011	39 25 40.3	8.946	0.269	80.1	36 284	39 3930
8758	8.9	45 58.70	2.0660	0.0010	40 3 49.7	8.947	0.266	80.7	307 311	40 3900
8759	8.6	46 1.50	2.2181	0.0013	35 31 27.6	8.950	0.286	80.6	273 280 285	35 3827
8760	8.8	46 5.40	2.1757	0.0013	36 51 1.3	8.955	0.280	81.6	459 462	36 3727
8761	5.7	19 46 8.25	+2.1241	+0.0012	+38 24 7.4	+8.959	+0.273	83.9	9 Beob. [1]	38 3780
8762	8.6	46 11.82	2.2199	0.0013	35 28 42.1	8.964	0.286	89.2	277 700 701	35 3828
8763	8.5	46 17.04	2.1815	0.0013	36 41 2.8	8.970	0.281	81.6	437 442	36 3728
8764	6.3	46 17.36	2.1545	0.0012	37 30 31.4	8.971	0.277	81.6	439 447	37 3636
8765	8.9	46 18.01	2.2325	0.0013	35 4 57.3	8.972	0.287	85.1	50 512 520	35 3830
8766	8.8	19 46 22.05	+2.1275	+0.0012	+38 18 58.8	+8.977	+0.274	80.7	287 290	38 3782
8767	9.4	46 24.00	2.1891	0.0013	36 27 20.0	8.979	0.282	81.6	451 464 466	36 3729
8768	9.4	46 28.46	2.2153	0.0013	35 38 23.7	8.985	0.285	89.3	280 704 707	35 3832
8769	9.2	46 33.16	2.1096	0.0011	38 51 7.9	8.992	0.271	80.7	317 321	38 3784
8770	9.4	46 36.48	2.1816	0.0013	36 42 0.0	8.996	0.281	81.6	459 462	36 3734
8771	8.6	19 46 37.31	+2.1580	+0.0012	+37 25 23.5	+8.997	+0.278	81.6	456 458	37 3639
8772	8.0	46 42.72	2.2027	0.0013	36 3 1.1	9.004	0.283	81.5	427 429	36 3735
8773	7.8	46 43.56	2.0976	0.0011	39 12 36.9	9.005	0.269	93.7	704 707	39 3932
8774	8.5	46 50.61	2.2201	0.0013	35 30 34.8	9.014	0.285	85.3	299 513 522	35 3837
8775	8.6	46 59.89	2.1733	0.0012	36 58 44.1	9.026	0.279	81.5	432 435	36 3737
8776	8.9	19 47 2.10	+2.1071	+0.0011	+38 57 20.4	+9.029	+0.270	81.6	439 447	38 3789
8777	8.2	47 7.79	2.2274	0.0013	35 17 30.8	9.036	0.286	80.5	266 269	35 3839
8778	9.4	47 9.15	2.2025	0.0013	36 4 54.0	9.038	0.283	81.6	451 464 466	36 3740
8779	9.0	47 12.06	2.0922	0.0011	39 23 39.2	9.042	0.269	80.7	287 290	39 3933
8780	8.3	47 12.83	2.1951	0.0013	36 19 6.6	9.043	0.282	87.5	437 442 700 701	36 3742
8781	8.1	19 47 13.51	+2.0985	+0.0011	+39 12 58.0	+9.044	+0.269	80.4	36 284 307 311	39 3934
8782	8.6	47 14.05	2.1257	0.0012	38 25 44.4	9.045	0.273	89.5	462 702 703	38 3790
8783	8.7	47 15.78	2.1949	0.0013	36 19 43.5	9.047	0.282	81.6	437 442	36 3743
8784	8.9	47 18.97	2.2096	0.0013	35 52 8.7	9.051	0.284	80.5	273 277	35 3841
8785	8.7	47 20.66	2.1548	0.0012	37 33 45.6	9.053	0.277	81.6	464 466	37 3647
8786	8.7	19 47 22.59	+2.0808	+0.0011	+39 44 5.5	+9.056	+0.267	93.7	704 707	39 3935
8787	7.9	47 25.48	2.1717	0.0013	37 3 19.4	9.060	0.279	81.6	444 451 453	37 3649
8788	9.1	47 26.07	2.2097	0.0013	35 52 15.1	9.060	0.284	80.5	273 277	35 3843
8789	8.9	47 27.37	2.1148	0.0011	38 45 20.4	9.062	0.271	80.7	317 321	38 3791
8790	8.8	47 28.63	2.0951	0.0011	39 19 48.0	9.064	0.269	80.4	36 284 307 311	39 3936
8791	8.9	19 47 30.93	+2.1503	+0.0012	+37 42 29.1	+9.067	+0.276	87.6	456 458 702[2] 703[2]	37 3651
8792	8.6	47 38.19	2.2112	0.0013	35 50 15.4	9.076	0.284	80.5	266 269	35 3844
8793	6.1	47 40.81	2.2026	0.0013	36 6 39.6	9.079	0.282	80.6	280 285	36 3744
8794	8.7	47 43.47	2.1964	0.0013	36 18 30.6	9.083	0.282	81.5	427 429	36 3745
8795	8.8	47 43.79	2.1498	0.0012	37 44 9.9	9.083	0.276	90.2	432; M 316 317	37 3652
8796	8.6	19 47 45.04	+2.1912	+0.0012	+36 28 13.8	+9.085	+0.281	81.6	444 453	36 3746
8797	9.3	47 47.73	2.2287	0.0013	35 17 26.3	9.088	0.286	85.4	299 513 522	35 3845
8798	9.1	48 2.13	2.1085	0.0012	38 58 31.1	9.107	0.270	81.6	439 447	38 3794
8799	9.1	48 5.31	2.1735	0.0013	37 2 15.2	9.111	0.279	81.6	437 442	36 3749
8800	9.5	48 7.50	2.1399	0.0012	38 3 28.6	9.114	0.275	87.6	459 462 700 701	38 3795

[1] Z. 444; M 33 34 35 189 198 201 309 310

[2] Dpl. bor.; austr. Z. 435 9m.0 31s.05 17".2 81.6

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8801	8.9	19h 48m 15s.53	+2s.1545	+0s.0012	+37° 37′ 42″.2	+9″.125	+0″.276	81.6	456 458	37° 3656
8802	8.4	48 15.91	2.1253	0.0012	38 29 58.0	9.125	0.272	81.6	430 450	38 3796
8803	8.8	48 18.22	2.1725	0.0013	37 4 57.0	9.128	0.278	81.5	427 429	37 3657
8804	8.8	48 24.91	2.1105	0.0012	38 56 34.7	9.137	0.270	81.5	432 435	38 3797
8805	8.9	48 25.38	2.1837	0.0013	36 44 41.7	9.137	0.280	80.6	280[1] 285	36 3750
8806	7.8	19 48 26.77	+2.1307	+0.0012	+38 20 55.1	+9.139	+0.273	81.3	5 Beob.[2]	38 3798
8807	7.8	48 31.22	2.1736	0.0013	37 3 44.9	9.145	0.278	81.5	427 429	37 3658
8808	7.7	48 35.86	2.1280	0.0012	38 26 22.4	9.151	0.272	91.1[3]	10 Beob.[4]	38 3801
8809	9.4	48 37.24	2.0980	0.0011	39 19 5.8	9.153	0.268	80.7	287 290	39 3941
8810	8.9	48 41.16	2.1716	0.0013	37 7 50.4	9.158	0.278	81.6	437 442	37 3659
8811	8.2	19 48 46.48	+2.2123	+0.0013	+35 52 23.4	+9.165	+0.283	80.5	266 269	35 3850
8812	8.7	48 47.49	2.1125	0.0012	38 54 27.0	9.166	0.270	81.6	439 447	38 3802
8813	8.2	48 49.57	2.1046	0.0012	39 8 18.4	9.169	0.269	80.1	36 284	39 3943
8814	8.7	48 54.43	2.1667	0.0013	37 17 53.3	9.175	0.277	81.6	459 462	37 3662
8815	8.7	48 54.96	2.1800	0.0013	36 53 29.1	9.176	0.279	81.5	432 435	36 3754
8816	8.3	19 48 56.44	+2.2235	+0.0013	+35 31 26.3	+9.178	+0.284	85.1	50 512 520	35 3851
8817	8.4	48 58.07	2.1026	0.0012	39 12 15.6	9.180	0.269	80.7	287 290	39 3945
8818	8.6	49 15.78	2.2217	0.0013	35 36 11.9	9.203	0.284	85.4	299 513 522	35 3852
8819	9.4	49 22.65	2.1420	0.0012	38 4 24.0	9.212	0.274	89.2	321 700 701	38 3807
8820	8.2	49 24.05	2.2055	0.0013	36 7 33.2	9.213	0.282	80.5	273 277	36 3757
8821	8.3	19 49 26.91	+2.1183	+0.0012	+38 46 53.5	+9.217	+0.270	80.7	307 311	38 3809
8822	8.3	49 46.04	2.1910	0.0013	36 36 1.7	9.242	0.280	81.6	437 456 458	36 3758
8823	8.7	49 48.81	2.1903	0.0013	36 37 39.5	9.246	0.280	81.6	456 458	36 3759
8824	9.5	49 54.53	2.2002	0.0013	36 19 22.6	9.253	0.281	81.5	427 429	36 3760
8825	8.2	49 55.68	2.1405	0.0012	38 9 12.7	9.254	0.273	80.7	287 290	38 3810
8826	8.5	19 49 56.37	+2.1614	+0.0012	+37 31 23.9	+9.255	+0.276	81.6	451 464 466	37 3670
8827	9.4	49 56.42	2.1452	0.0012	38 0 36.7	9.255	0.274	87.5	432 435 702 703	37 3669
8828	8.6	50 11.46	2.1916	0.0013	36 36 36.6	9.275	0.279	89.6	442 704 707	36 3763
8829	8.8	50 12.63	2.2271	0.0014	35 29 24.5	9.276	0.284	84.8	266 269 701	35 3857
8830	5.7	50 14.29	2.1899	0.0013	36 40 2.1	9.278	0.279	84.2	8 Beob.[5]	36 3766
8831	9.0	19 50 24.27	+2.2267	+0.0014	+35 30 55.0	+9.291	+0.284	87.2	50 512 520 700	35 3859
8832	8.9	50 24.86	2.2258	0.0014	35 32 32.5	9.292	0.284	89.2	273 702 703	35 3860
8833	8.3	50 29.07	2.2162	0.0013	35 51 18.4	9.298	0.282	80.6	280 285	35 3861
8834	8.4	50 33.14	2.1106	0.0012	39 4 30.3	9.303	0.268	80.1	36 284	39 3952
8835	9.1	50 39.04	2.2259	0.0014	35 33 21.9	9.310	0.284	89.2	273 704 707	35 3862
8836	9.4	19 50 42.99	+2.2044	+0.0013	+36 14 28.6	+9.316	+0.281	81.5	427 429 464	36 3769
8837	8.9	50 59.33	2.2175	0.0013	35 50 42.2	9.337	0.282	85.4	299 513 522	35 3864
8838	8.8	51 0.16	2.0735	0.0011	40 10 9.8	9.338	0.264	86.9	36 284 700 701	40 3945
8839	9.3	51 7.10	2.1060	0.0012	39 14 41.8	9.347	0.268	80.7	307 311	39 3958
8840	9.1	51 8.77	2.2211	0.0013	35 44 24.2	9.349	0.283	80.5	266 269	35 3866
8841	8.5	19 51 19.73	+2.1394	+0.0012	+38 16 25.4	+9.363	+0.272	80.7	317 321	38 3816
8842	6.8	51 19.76	2.0858	0.0011	39 50 31.2	9.363	0.265	81.5	432 435	39 3959
8843	8.8	51 19.91	2.2291	0.0014	35 29 36.7	9.363	0.283	80.6	280 285	35 3867
8844	5.1	51 23.69	2.1435	0.0012	38 9 19.8	9.368	0.273	87.6	8 Beob.[6]	38 3817
8845	8.6	51 24.85	2.2383	0.0014	35 12 13.6	9.370	0.284	84.2	50 464 512 520	35 3868
8846	7.7	19 51 24.96	+2.0782	+0.0011	+40 3 39.6	+9.370	+0.264	80.7	287 290	40 3948
8847	8.2	51 27.21	2.2124	0.0013	36 2 2.8	9.373	0.281	80.5	273 277	35 3869
8848	9.0	51 28.08	2.0799	0.0011	40 1 0.5	9.374	0.264	80.7	307 311	39 3960
8849	9.2	51 32.28	2.2017	0.0013	36 22 46.7	9.379	0.280	81.6	456 458	36 3774
8850	8.9	51 35.55	2.2067	0.0013	36 13 25.0	9.383	0.280	81.6	451 466	36 3776

[1] Dpl. 1″ [2] Z. 317 321 451 464 466 [3] E.B. 0s.000 +0″.35 (Porter) [4] Z. 307 311 702 703 704 707 710; M 309 311 312 [5] Z. 439 447 459 462 710; M 33 35 309 [6] Z. 450 702 703 710; M 189 196 201 309

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8851	9.0	19h 51m 36s.02	+2s.1943	+0s.0013	+36° 36' 47".3	+9".384	+0".279	81.6	459 462	36° 3775
8852	8.9	51 39.48	2.1352	0.0012	38 25 17.9	9.388	0.271	81.6	439 447	38 3818
8853	8.9	51 40.08	2.1278	0.0012	38 38 24.1	9.389	0.270	80.7	317 321	38 3819
8854	9.1	51 45.00	2.1734	0.0013	37 16 16.7	9.396	0.276	81.6	437 442	37 3683
8855	7.5	51 45.62	2.2310	0.0014	35 27 27.2	9.397	0.283	80.5	266 269	35 3872
8856	9.4	19 51 52.61	+2.1724	+0.0013	+37 18 33.2	+9.405	+0.276	81.5	432 435	37 3684
8857	8.7	51 58.07	2.2384	0.0014	35 14 4.1	9.412	0.284	80.6	280 285	35 3874
8858	7.9	51 58.40	2.2149	0.0013	35 59 15.1	9.413	0.281	81.5	427 429	35 3876
8859	8.8	52 0.06	2.2344	0.0014	35 21 56.7	9.415	0.284	85.3	299 513 522	35 3877
8860	6.0	52 6.86	2.2174	0.0013	35 55 2.5	9.424	0.282	81.6	459 462	35 3878
8861	9.0	19 52 7.63	+2.2345	+0.0014	+35 22 10.6	+9.425	+0.283	81.6	456 458	35 3879
8862	8.3	52 9.97	2.1755	0.0013	37 14 3.9	9.428	0.275	81.6	439 447	37 3688
8863	7.9	52 13.13	2.2399	0.0014	35 12 7.3	9.432	0.284	81.6	451 466	35 3881
8864	8.9	52 14.65	2.1437	0.0012	38 12 13.4	9.434	0.272	80.7	287 290	38 3823
8865	8.5	52 19.18	2.2285	0.0014	35 34 36.1	9.440	0.283	89.2	273 700 701	35 3883
8866	9.0	19 52 21.52	+2.2304	+0.0014	+35 30 57.5	+9.443	+0.283	87.5	437 442 702 703	35 3884
8867	9.2	52 31.35	2.0883	0.0012	39 50 54.6	9.455	0.265	80.1	36 284	39 3964
8868	9.0	52 33.83	2.1631	0.0013	37 38 15.4	9.458	0.274	81.6	444 453 464	37 3691
8869	9.5	52 38.98	2.1855	0.0014	36 57 18.8	9.465	0.277	87.7	451 466 704 707	36 3783
8870	8.3	52 41.74	2.0977	0.0012	39 35 15.7	9.469	0.266	80.7	287 290	39 3965
8871	9.2	19 52 49.94	+2.2248	+0.0014	+35 43 39.1	+9.479	+0.282	80.5	266 269	35 3885
8872	9.0	52 50.22	2.1277	0.0013	38 43 2.2	9.479	0.269	81.5	427 429	38 3831
8873	5.9	52 53.38	2.0826	0.0012	40 1 58.0	9.484	0.264	86.1	5 Beob. [1]	39 3968
8874	8.5	52 56.29	2.1074	0.0012	39 19 25.5	9.487	0.267	80.7	307 311	39 3969
8875	7.2	53 0.39	2.1481	0.0013	38 7 21.9	9.493	0.272	81.6	459 462	38 3832
8876	9.5	19 53 1.25	+2.1384	+0.0013	+38 24 53.9	+9.494	+0.271	81.5	432 435	38 3834
8877	8.9	53 4.24[2]	2.1654	0.0013	37 36 1.5	9.497	0.274	81.6	437 442 456 458	37 3693
8878	9.3	53 8.00	2.1079	0.0012	39 19 13.1	9.502	0.267	80.7	317 321	39 3971
8879	8.1	53 10.56	2.1503	0.0013	38 3 55.0	9.506	0.272	81.6	439 447	38 3836
8880	8.9	53 11.81	2.1665	0.0013	37 34 32.7	9.507	0.274	93.5	702[3] 703	37 3695
8881	8.9	19 53 12.28	+2.1189	+0.0013	+39 0 11.7	+9.508	+0.268	81.6	439 447	38 3837
8882	8.3	53 13.89	2.0804	0.0012	40 7 7.9	9.510	0.263	86.8	36 284 704 707	40 3955
8883	8.9	53 18.35	2.1842	0.0014	37 2 17.4	9.516	0.277	81.6	459 462	36 3791
8884	9.5	53 18.94	2.0850	0.0012	39 59 37.0	9.516	0.264	81.5	432 435	39 3973
8885	8.6	53 19.67	2.1643	0.0013	37 39 7.4	9.517	0.274	81.6	451 466	37 3696
8886	9.5	19 53 20.64	+2.2414	+0.0014	+35 13 23.4	+9.519	+0.283	87.1	280 285 700 701	35 3888
8887	6.9	53 21.58	2.1600	0.0013	37 47 5.6	9.520	0.273	81.6	437 442 450	37 3698
8888	7.8	53 21.86	2.2176	0.0014	35 59 25.8	9.520	0.281	80.5	273 277	35 3889
8889	9.0	53 25.30	2.2471	0.0015	35 2 34.7	9.525	0.284	85.1	50 512 520	34 3812
8890	9.5	53 27.94	2.0970	0.0012	39 39 34.4	9.528	0.265	80.7	311 321	39 3976
8891	8.4	19 53 30.80	+2.1420	+0.0013	+38 20 16.2	+9.532	+0.271	81.5	427 429	38 3839
8892	9.3	53 33.86	2.2230	0.0014	35 49 37.2	9.536	0.281	84.9	280 285 702	35 3891
8893	9.4	53 34.54	2.0973	0.0012	39 39 25.5	9.536	0.265	80.7	307 317	39 3980
8894	8.6	53 40.07	2.2530	0.0015	34 51 52.3	9.544	0.285	85.4	299 513 522	*34 3815*
8895	8.9	53 46.45	2.1179	0.0013	39 4 17.4	9.552	0.267	80.7	287 290	39 3983
8896	8.8	19 53 50.70	+2.1244	+0.0013	+38 52 59.5	+9.557	+0.268	81.5	427 429	38 3844
8897	9.1	53 59.05	2.0907	0.0012	39 52 31.3	9.568	0.263	80.1	36 284	39 3984
8898	8.6	53 59.99	2.1994	0.0014	36 36 26.6	9.569	0.278	81.6	456 458	36 3794
8899	7.1[4]	54 4.00	2.1621	0.0013	37 46 3.0	9.574	0.273	87.5	430 703 [4]	37 3703
8900	7.3	54 10.72	2.2450	0.0015	35 9 31.6	9.583	0.283	84.9	266 269 701	35 3895

[1] Z. 450 710; M 34 189 309 [2] Z. 437 [3s.22] [3] Dpl. austr. praec. [4] Dpl. austr. praec.; Z. 702 med. 3s.86 1s.6 93.5

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8901	8.5	19h 54m 17s.36	+2s.1541	+0s.0013	+38° 1' 34".5	+9".591	+0".272	81.6	459 462	37° 3706
8902	9.4	54 17.74	2.2000	0.0014	36 36 24.0	9.592	0.278	81.5	432 435	36 3796
8903	8.8	54 19.86	2.1747	0.0013	37 23 52.3	9.595	0.275	81.6	439 447	37 3708
8904	8.9	54 24.34	2.1932	0.0014	36 49 44.0	9.600	0.277	81.6	444 453	36 3798
8905	8.5[1]	54 26.80	2.2444	0.0015	35 11 48.2	9.603	0.283	87.0	273 700	35 3898
8906	8.8	19 54 29.89	+2.2155	+0.0014	+36 7 56.0	+9.607	+0.280	81.6	437 442	36 3799
8907	9.3	54 34.28	2.1581	0.0013	37 55 21.0	9.613	0.272	81.6	451 466	37 3710
8908	9.3	54 35.86	2.1617	0.0013	37 48 43.6	9.615	0.272	81.6	456 458	37 3711
8909	8.0	54 45.13	2.1380	0.0013	38 32 24.2	9.627	0.269	80.7	307 311	38 3850
8910	8.7	54 46.66	2.2243	0.0014	35 51 57.1	9.629	0.281	81.6	430 450	35 3903
8911	8.0	19 54 47.26	+2.2340	+0.0014	+35 33 22.9	+9.630	+0.282	80.6	280 285	35 3902
8912	9.4	54 50.31	2.2374	0.0015	35 27 5.2	9.633	0.282	81.6	444 453	35 3904
8913	9.4	55 1.77	2.1471	0.0013	38 17 2.9	9.648	0.270	80.7	317 321	38 3854
8914	9.4	55 3.07	2.1053	0.0012	39 31 25.5	9.650	0.265	87.4	36 284; M 316 317	39 3988
8915	8.0	55 14.05	2.2533	0.0015	34 57 17.6	9.664	0.284	81.1	266 269 299 513	34 3830
8916	5.5	19 55 20.20	+2.1992	+0.0014	+36 42 4.1	+9.672	+0.277	89.7	6 Beob.[2]	36 3806
8917	9.0	55 27.14	2.1829	0.0014	37 13 11.5	9.681	0.275	87.5	432 435 702 703	37 3719
8918	8.4	55 30.13	2.1178	0.0013	39 11 17.2	9.684	0.266	80.7	287 290	39 3990
8919	9.2	55 32.97	2.1640	0.0013	37 48 22.7	9.688	0.272	81.6	437 442	37 3720
8920	7.0	55 33.77	2.2195	0.0014	36 4 17.4	9.689	0.279	83.4	10 Beob.[3]	36 3807
8921	7.8	19 55 37.45	+2.2523	+0.0015	+35 0 58.4	+9.694	+0.283	85.4	299 513 522	34 3832
8922	9.4	55 38.60	2.2394	0.0014	35 26 14.2	9.695	0.281	80.5	273 277	35 3910
8923	8.8	55 40.53	2.1857	0.0014	37 8 47.8	9.698	0.275	81.6	456 458	37 3721
8924	8.5	55 42.28	2.1436	0.0013	38 26 8.2	9.700	0.269	80.7	317 321	38 3860
8925	9.5	55 47.27	2.1229	0.0013	39 3 26.9	9.706	0.266	80.7	307 311	39 3993
8926	8.8	19 55 55.29	+2.1977	+0.0014	+36 47 13.3	+9.716	+0.276	81.5	427 429	36 3812
8927	8.4	56 5.59	2.2157	0.0014	36 13 40.3	9.730	0.279	81.6	451 464 466	36 3815
8928	7.5	56 6.68	2.1302	0.0013	38 51 50.6	9.731	0.267	81.6	459 462	38 3862
8929	9.0	56 7.10	2.1113	0.0013	39 25 15.8	9.732	0.265	80.1	36 284	39 3995
8930	6.8	56 7.73	2.2153	0.0014	36 14 44.6	9.732	0.278	81.6	451 464 466	36 3816
8931	8.0	19 56 21.20	+2.1993	+0.0014	+36 45 57.1	+9.750	+0.276	81.5	432 435	36 3818
8932	9.2	56 22.90	2.1230	0.0013	39 5 36.8	9.752	0.266	80.7	287 290	39 3998
8933	8.5	56 26.95	2.1807	0.0014	37 21 15.8	9.757	0.274	81.6	439 447	37 3723
8934	8.8	56 27.82	2.1836	0.0014	37 15 51.6	9.758	0.274	81.6	437 442	37 3724
8935	9.0	56 28.82	2.1807	0.0014	37 21 16.5	9.759	0.274	81.6	456 458	37 3725
8936	8.6	19 56 34.89	+2.1476	+0.0013	+38 22 31.2	+9.767	+0.269	81.6	459 462	38 3865
8937	6.0	56 39.77	2.2004	0.0014	36 45 7.4	9.773	0.276	81.6	451 464 466	36 3820
8938	8.5	56 42.35	2.1204	0.0013	39 11 41.5	9.776	0.266	80.7	287 290	39 4003
8939	8.0	56 48.29	2.1722	0.0014	37 38 22.9	9.784	0.272	81.5	427 429	37 3727
8940	9.4	56 57.24	2.2433	0.0015	35 23 47.8	9.795	0.281	80.5	273 277	35 3918
8941	9.2	19 56 58.98	+2.0879	+0.0012	+40 9 35.3	+9.798	+0.262	86.8	36 284 702 703	40 3979
8942	8.8	57 0.16	2.0931	0.0012	40 0 33.4	9.799	0.262	89.2	307 700 701	39 4005
8943	7.7	57 6.29	2.0953	0.0012	39 57 11.3	9.807	0.262	80.7	311 317 321	39 4007
8944	9.0	57 6.79	2.2111	0.0014	36 26 41.1	9.808	0.277	80.6	280 285	36 3822
8945	8.4	57 16.76	2.1487	0.0013	38 23 18.5	9.820	0.269	81.5	432 435	38 3869
8946	7.4	19 57 19.60	+2.2566	+0.0015	+34 59 7.4	+9.824	+0.282	85.1	50 512 520	34 3847
8947	8.3	57 21.95	2.2472	0.0016	35 17 39.3	9.827	0.281	80.5	266 269	35 3920
8948	8.5	57 30.17	2.1515	0.0014	38 19 6.2	9.837	0.269	80.7	317 321	38 3871
8949	9.2	57 30.84	2.2405	0.0015	35 31 28.0	9.838	0.280	80.5	273 277	35 3923
8950	8.7	57 34.14	2.1237	0.0013	39 9 22.4	9.842	0.265	80.7	307 311	39 4010

[1] Dpl. austr. seq. [2] Z. 704 707 710; M 198 201 309 [3] Z. 266 269 280 285 439 447 700 701; M 35 196

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8951	8.7	19h 57m 35s.54	+2s.0970	+0s.0013	+39° 56′ 15″.9	+ 9″.844	+0″.262	80.7	287 290	39° 4011
8952	9.3	57 40.97	2.2469	0.0015	35 19 37.3	9.851	0.281	94.0 94.1	700 701; M316[1]317	35 3924
8953	8.9	57 41.02	2.2239	0.0015	36 4 20.1	9.851	0.279	81.1	280 285 456 458	36 3828
8954	9.0	57 41.10	2.2580	0.0016	34 57 49.4	9.851	0.282	85.4	299 513 522	34 3850
8955	8.7	57 46.15	2.1296	0.0014	38 59 44.1	9.858	0.266	81.5	427 429	38 3874
8956	9.3	19 57 50.16	+2.2466	+0.0015	+35 20 45.8	+ 9.863	+0.281	80.5	266 269	[35 3925]
8957	8.9	57 52.76	2.1428	0.0014	38 36 25.2	9.866	0.267	81.6	437 442	38 3876
8958	7.0	58 13.86	2.1811	0.0014	37 27 46.9	9.893	0.272	81.5	432 435	37 3735
8959	8.7	58 16.63	2.1263	0.0014	39 7 42.7	9.896	0.265	80.1	36 284	39 4015
8960	8.6	58 20.15	2.1452	0.0014	38 33 55.1	9.901	0.267	80.7	317 321	38 3878
8961	9.0	19 58 29.50	+2.1376	+0.0014	+38 48 23.0	+ 9.913	+0.266	80.7	307 311	38 3881
8962	8.9	58 30.37	2.2109	0.0015	36 32 34.7	9.914	0.276	81.6	456 458	36 3835
8963	8.9	58 30.80	2.2160	0.0015	36 22 57.5	9.914	0.277	81.6	451 464 466	36 3836
8964	7.4	58 39.10	2.1035	0.0013	39 49 24.2	9.925	0.262	80.7	287 290	39 4017
8965	8.5	58 44.80	2.1732	0.0014	37 44 30.6	9.932	0.271	81.5	427 429	37 3740
8966	9.3	19 58 47.71	+2.2382	+0.0015	+35 41 3.4	+ 9.936	+0.279	85.3	299 513 522	35 3929
8967	7.0[1]	58 49.48	2.2386	0.0015	35 40 26.5	9.938	0.279	81.3	50 512 [2]	35 3930
8968	8.5	58 50.30	2.1684	0.0014	37 53 50.3	9.939	0.270	81.6	437 442	37 3741
8969	8.7	58 52.12	2.2087	0.0015	36 38 20.5	9.941	0.276	81.6	459 462	36 3839
8970	8.5	58 56.10	2.1955	0.0015	37 3 34.7	9.946	0.274	81.6	456 458	37 3742
8971	8.5	19 58 58.67	+2.1423	+0.0014	+38 41 56.5	+ 9.950	+0.267	80.7	317 321	38 3884
8972	9.1	59 1.15	2.1981	0.0015	36 59 3.2	9.953	0.274	81.5	432 435	36 3840
8973	7.9	59 1.72	2.1008	0.0013	39 55 43.5	9.953	0.262	80.1	36 284	39 4020
8974	8.3	59 3.19	2.2267	0.0015	36 4 27.2	9.955	0.278	81.6	451 464 466	36 3841
8975	7.6	59 8.73	2.1665	0.0014	37 58 33.9	9.962	0.270	81.6	439 447	37 3744
8976	8.8	19 59 12.21	+2.2138	+0.0014	+36 29 53.7	+ 9.967	+0.276	81.6	459 462	[36 3844]
8977	9.1	59 17.75	2.2450	0.0015	35 29 40.7	9.974	0.280	80.5	266 269	35 3933
8978	9.3	59 26.15	2.2423	0.0015	35 35 44.9	9.984	0.279	80.6	273 277 280 285	35 3935
8979	8.4	59 31.00	2.2041	0.0015	36 49 45.9	9.990	0.275	81.6	444 456	36 3848
8980	8.8	59 31.46	2.1874	0.0015	37 21 16.7	9.991	0.273	81.5	427 429	37 3748
8981	8.9	19 59 31.85	+2.1951	+0.0015	+37 6 50.2	+ 9.991	+0.274	81.6	437 442	37 3749
8982	9.3	59 41.81	2.2498	0.0016	35 21 58.1	10.004	0.280	89.5	456 700 701	35 3937
8983	9.1	59 45.48	2.2105	0.0015	36 38 36.9	10.009	0.276	81.5	432 435	36 3851
8984	8.4	59 50.57	2.2163	0.0015	36 27 48.2	10.015	0.276	93.6	703 704 707	36 3852
8985	9.1	59 53.99	2.2544	0.0016	35 13 45.9	10.019	0.280	80.5	266 269	35 3939
8986	8.5	19 59 54.08	+2.1681	+0.0014	+37 58 43.1	+10.020	+0.269	81.3	5 Beob. [3]	37 3752
8987	9.2	59 56.81	2.2208	0.0015	36 19 36.4	10.023	0.277	81.6	439 447	36 3854
8988	8.7	20 0 14.05	2.1768	0.0015	37 44 4.1	10.045	0.271	81.5	427 429	37 3754
8989	8.3	0 21.26	2.1358	0.0014	38 59 27.0	10.054	0.265	80.1	36 284	38 3893
8990	9.4	0 25.79	2.2638	0.0016	34 57 16.5	10.060	0.281	89.8	7 Beob. [4]	34 3864
8991	9.1	20 0 28.24	+2.2382	+0.0015	+35 48 2.4	+10.063	+0.279	80.6	273 277 280 285	35 3943
8992	9.0	0 28.79	2.2223	0.0015	36 18 52.6	10.063	0.277	81.6	437 442	36 3859
8993	8.6	0 30.54	2.2521	0.0016	35 20 49.3	10.066	0.280	85.2	50 512 520	35 3944
8994	6.6	0 36.43	2.1651	0.0015	38 7 9.1	10.073	0.269	80.7	287 290	38 3896
8995	8.6	0 37.35	2.1966	0.0015	37 8 24.7	10.074	0.273	81.6	456 458	37 3757
8996	9.0	20 0 40.99	+2.1497	+0.0014	+38 35 46.1	+10.079	+0.267	81.6	459 462	38 3898
8997	8.8	0 42.68	2.0970	0.0013	40 9 24.8	10.081	0.260	80.1	36 284	40 4006
8998	9.0	0 51.91	2.1336	0.0014	39 5 34.7	10.093	0.264	80.7	287 290	39 4027
8999	8.7	0 52.43	2.1081	0.0013	39 50 42.4	10.093	0.261	80.7	307 311	39 4028
9000	8.1	0 57.82	2.2559	0.0016	35 15 4.0	10.100	0.280	80.7	294 305	35 3949

[1] α Gew. ½ [2] Dpl. 3″ med.; Z. 520 bor. 7m.2 49s.43 27″.3 92.7 [3] Z. 307 311 451 464 466
[4] Z. 299 513 522 529 540 700 703

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9001	8.6	20h 0m 59.54s	+2.1899s	+0.0015s	+37° 22' 42.5"	+10.102"	+0.272"	81.5	427 429	37° 3759
9002	9.0	1 1.01	2.1891	0.0015	37 24 24.7	10.104	0.272	81.7	470 472	37 3760
9003	8.4	1 1.13	2.1372	0.0014	38 59 47.2	10.104	0.265	81.5	432 435	38 3900
9004	8.7	1 4.29	2.2473	0.0016	35 32 38.3	10.108	0.279	81.6	440 467	35 3950
9005	7.0	1 14.29	2.2546	0.0016	35 18 53.7	10.121	0.280	81.6	437 442	35 3952
9006	7.0	20 1 15.86	+2.2511	+0.0016	+35 25 51.7	+10.123	+0.279	81.6	463 465	35 3953
9007	7.8	1 16.15	2.2348	0.0015	35 57 51.4	10.123	0.278	81.6	445 448	35 3954
9008	8.1	1 17.33	2.2509	0.0016	35 26 23.8	10.125	0.279	87.2	463 465 526 529	35 3955
9009	9.1	1 18.06	2.1162	0.0014	39 38 27.2	10.126	0.262	80.7	317 321	39 4031
9010	8.4	1 18.47	2.2520	0.0016	35 24 17.8	10.126	0.279	85.7	452 454 703[1]	35 3956
9011	8.3	20 1 19.80	+2.2519	+0.0016	+35 24 28.8	+10.128	+0.279	88.9	5 Beob.[2]	35 3957
9012	9.4	1 20.45	2.2684	0.0016	34 51 43.1	10.129	0.281	85.4	299 513 522	*34 3870*
9013	8.9	1 25.24	2.2190	0.0015	36 29 13.2	10.135	0.275	81.6	456 458	36 3868
9014	8.3	1 26.85	2.2636	0.0016	35 1 41.4	10.137	0.280	85.1	50 512 520	34 3871
9015	8.1	1 36.31	2.1146	0.0014	39 42 25.9	10.149	0.262	80.7	307 311	39 4033
9016	5.5	20 1 42.96	+2.2461	+0.0016	+35 37 39.0	+10.157	+0.278	87.2[3]	16 Beob.[4]	35 3959
9017	9.2	1 43.67	2.1818	0.0015	37 41 2.4	10.158	0.270	81.7	470 472	37 3764
9018	8.8	1 46.29	2.2233	0.0016	36 22 26.0	10.161	0.277	81.5	432 435	36 3873
9019	7.8	1 49.65	2.2389	0.0016	35 52 15.2	10.165	0.277	80.7	294 305	35 3962
9020	8.3	1 51.13	2.1644	0.0015	38 13 51.1	10.167	0.268	80.7	317 321	38 3905
9021	8.5	20 1 53.21	+2.2539	+0.0016	+35 22 53.9	+10.170	+0.279	81.6	440 467	35 3964
9022	8.5	1 54.36	2.2055	0.0016	36 57 9.0	10.171	0.273	81.5	427 429	36 3874
9023	7.0	1 56.17	2.1479	0.0015	38 44 19.2	10.174	0.265	81.6	460 461	38 3906
9024	9.1	2 8.44	2.1783	0.0016	37 49 23.0	10.189	0.270	88.9	5 Beob.[5]	37 3766
9025	9.0	2 14.51	2.1105	0.0014	39 52 31.3	10.196	0.261	80.1	36 284[6]	39 4035
9026	8.4	20 2 18.22	+2.2348	+0.0016	+36 2 12.3	+10.201	+0.277	87.4	437 442 529 700	35 3966
9027	8.7	2 19.24	2.2069	0.0016	36 56 14.1	10.203	0.273	81.6	463 465	36 3876
9028	8.8	2 19.99	2.2080	0.0016	36 54 6.8	10.203	0.273	81.5	432 435	36 3877
9029	9.2	2 22.02	2.1377	0.0015	39 4 46.1	10.206	0.264	80.7	287 290	39 4036
9030	9.1	2 25.00	2.2209	0.0016	36 29 42.7	10.210	0.275	81.6	445 448	36 3879
9031	8.9	20 2 25.89	+2.1575	+0.0015	+38 29 1.8	+10.211	+0.266	89.4	6 Beob.[7]	38 3909
9032	7.1	2 28.25	2.2219	0.0016	36 27 58.5	10.214	0.275	81.6	445 448	36 3880
9033	9.0	2 33.16	2.2365	0.0016	35 59 54.7	10.220	0.277	81.6	440 467	35 3967
9034	9.1	2 33.55	2.2604	0.0016	35 12 49.0	10.220	0.279	80.7	294 305	35 3968
9035	8.3	2 38.01	2.1942	0.0016	37 21 31.9	10.226	0.271	81.6	456 458	37 3772
9036	7.7	20 2 41.56	+2.2563	+0.0016	+35 21 26.8	+10.230	+0.279	85.4	299 513 522	35 3970
9037	8.6	2 45.24	2.2505	0.0016	35 33 7.0	10.235	0.278	85.1	50 512 520	35 3972
9038	7.7	2 47.56	2.2307	0.0016	36 12 23.2	10.238	0.276	81.6	460 461	36 3883
9039	8.9	2 49.41	2.1704	0.0016	38 6 59.0	10.240	0.268	80.7	287 290 317 321	38 3910
9040	8.3	2 53.28	2.1972	0.0016	37 17 0.7	10.245	0.271	81.7	452 470 472	37 3774
9041	8.6	20 2 56.83	+2.2076	+0.0016	+36 57 31.7	+10.250	+0.273	81.5	427 429	36 3885
9042	8.8	2 58.06	2.1982	0.0016	37 15 31.5	10.251	0.272	91.2	6 Beob.[8]	37 3775
9043	8.4	2 58.47	2.2198	0.0016	36 34 9.7	10.252	0.274	81.6	437 442	36 3886
9044	8.3	3 3.54	2.1660	0.0015	38 16 10.9	10.258	0.267	81.6	463 465	38 3913
9045	9.2	3 9.08	2.1584	0.0015	38 30 30.0	10.265	0.266	81.5	432 435	38 3914
9046	9.0	20 3 11.04	+2.1345	+0.0015	+39 13 56.2	+10.267	+0.263	80.1	36 284	39 4042
9047	8.3	3 14.01	2.1722	0.0016	38 5 27.7	10.271	0.268	81.6	445 448	38 3915
9048	8.8	3 31.06	2.2187	0.0016	36 38 37.8	10.292	0.274	81.6	456 458	36 3891
9049	7.4	3 32.25	2.2291	0.0016	36 18 29.7	10.294	0.275	81.5	427 429	36 3892
9050	9.0	3 39.87	2.2663	0.0017	35 5 44.8	10.303	0.279	80.7	294 305	35 3983

[1] Dpl. austr. praec. [2] Z. 452 454 700 712 714 [3] E.B. −0.019s −0.43" (Porter)
[4] Z. 536 701 703 707 709 710 711; M 33 34 35 210 213 214 215 216 314 [5] Z. 452 454 701 712 714
[6] Dpl.? [7] Z. 307 311 707 709 712 714 [8] Z. 454 526 529 540 700 703

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9051	7.9	20h 3m 41s.03	+2s.1888	+0s.0016	+37° 36′ 17″.8	+10″.305	+0″.270	81.6	460 461	37° 3781
9052	8.4	3 41.38	2.1306	0.0015	39 23 15.3	10.305	0.262	80.7	307 311	39 4049
9053	8.8	3 42.71	2.1618	0.0015	38 26 41.5	10.307	0.266	89.8	7 Beob. [1]	38 3917
9054	8.0	3 46.10	2.1838	0.0016	37 46 1.2	10.311	0.269	81.7	470 472	37 3783
9055	9.2	3 47.64	2.1429	0.0015	39 1 35.7	10.313	0.263	81.6	452 454	38 3919
9056	8.1	20 3 48.85	+2.1837	+0.0016	+37 46 29.7	+10.315	+0.269	81.7	470 472	37 3784
9057	8.3	3 51.19	2.1101	0.0014	40 0 18.2	10.318	0.259	80.7	287 290	39 4051
9058	9.0	3 56.48	2.1085	0.0014	40 3 32.6	10.324	0.259	80.7	317 321	39 4052
9059	7.9	3 57.11	2.2301	0.0016	36 18 28.3	10.325	0.275	81.6	460 461	36 3896
9060	8.8	3 59.19	2.2044	0.0016	37 8 12.7	10.328	0.271	81.6	463 465	37 3785
9061	7.3	20 4 6.03	+2.2464	+0.0016	+35 47 0.2	+10.336	+0.277	81.6	440 467	35 3985
9062	9.2	4 6.28	2.2091	0.0016	36 59 40.1	10.337	0.272	81.6	456 458	36 3899
9063	8.8	4 6.51	2.1907	0.0016	37 34 39.8	10.337	0.270	81.6	445 448	37 3787
9064	8.3	4 9.17	2.2130	0.0016	36 52 20.4	10.340	0.272	81.5	432 435	36 3900
9065	8.6	4 10.29	2.2658	0.0017	35 8 53.7	10.342	0.279	85.4	50 299 513 522	35 3987
9066	8.7	20 4 10.81	+2.2467	+0.0016	+35 46 53.3	+10.342	+0.277	81.5	427 429	35 3988
9067	8.9	4 14.96	2.1041	0.0014	40 12 29.8	10.347	0.258	80.1	36 284	40 4034
9068	7.1	4 22.09	2.1307	0.0015	39 25 59.8	10.356	0.262	81.6	437 442	39 4054
9069	8.2[2]	4 30.77	2.2674	0.0017	35 7 5.4	10.367	0.278	90.5	512 520 529 700	35 3994
9070	8.3	4 33.90	2.1178	0.0014	39 49 58.4	10.371	0.260	80.7	307 311	39 4056
9071	9.0	20 4 36.16	+2.2115	+0.0016	+36 57 12.5	+10.374	+0.272	81.5	427 429	36 3904
9072	8.1	4 46.08	2.2605	0.0017	35 22 2.2	10.386	0.277	80.7	294 305	35 3995
9073	8.2	4 46.33	2.2376	0.0016	36 7 21.0	10.387	0.275	81.6	452 454	36 3906
9074	5.3	4 47.10	2.2268	0.0016	36 28 21.4	10.388	0.274	87.7	8 Beob. [3]	36 3907
9075	9.1	4 52.77	2.1703	0.0016	38 16 3.9	10.395	0.266	86.9	317 321 536 701	38 3922
9076	8.8	20 4 59.13	+2.1396	+0.0015	+39 12 50.1	+10.403	+0.262	80.7	287 290	39 4059
9077	9.1	4 59.35	2.2095	0.0016	37 2 48.0	10.403	0.271	81.6	432 435	36 3910
9078	9.0	5 10.32	2.1211	0.0015	39 46 44.8	10.416	0.260	80.7	307 311	39 4061
9079	8.9	5 14.84	2.2686	0.0017	35 7 41.7	10.422	0.278	81.6	440 467	35 3998
9080	7.9	5 16.33	2.1118	0.0015	40 3 37.6	10.424	0.259	80.1	36 284	40 4037
9081	7.1	20 5 20.86	+2.1551	+0.0015	+38 46 10.9	+10.430	+0.264	93.5	536 701 712 714	38 3927
9082	9.0	5 21.40	2.2324	0.0017	36 20 0.0	10.430	0.274	81.6	437 442	36 3914
9083	8.1	5 23.49	2.2240	0.0017	36 36 36.3	10.433	0.273	81.6	463 465	36 3916
9084	7.8	5 25.87	2.2456	0.0017	35 54 22.0	10.436	0.276	81.6	456 458	35 3999
9085	8.7	5 30.54	2.2483	0.0017	35 49 23.3	10.442	0.276	91.3	6 Beob. [4]	35 4000
9086	8.2	20 5 33.03	+2.2489	+0.0017	+35 48 29.5	+10.445	+0.276	83.9	294 299 305 703	35 4001
9087	9.1	5 37.39	2.2384	0.0017	36 9 24.4	10.450	0.275	81.6	445 448	36 3918
9088	8.6	5 43.49	2.2586	0.0017	35 29 52.2	10.458	0.277	87.4	440 467 536 701	35 4003
9089	8.6	5 44.92	2.1577	0.0015	38 43 8.1	10.460	0.264	80.7	317 321	38 3931
9090	8.5	5 56.03	2.2588	0.0017	35 30 18.9	10.473	0.276	81.5	427 429	35 4004
9091	8.5	20 6 0.38	+2.2105	+0.0017	+37 5 20.0	+10.479	+0.271	81.7	470 472	37 3804
9092	8.2	6 3.94	2.1122	0.0015	40 6 33.0	10.483	0.258	80.1	36 284	40 4043
9093	7.3[5]	6 6.14	2.2236	0.0017	36 40 21.6	10.486	0.272	81.5	432 435	36 3920
9094	8.7	6 7.17	2.2105	0.0017	37 5 43.9	10.487	0.271	81.6	437 442	37 3805
9095	7.8	6 14.72	2.2572	0.0017	35 34 59.0	10.497	0.276	85.1	50 512 520	35 4006
9096	8.9	20 6 17.72	+2.1191	+0.0015	+39 55 23.5	+10.500	+0.259	80.7	287 290	39 4067
9097	9.1	6 19.78	2.2144	0.0017	36 59 10.4	10.503	0.271	81.6	456 458	36 3922
9098	9.0	6 27.88	2.2037	0.0017	37 20 21.0	10.513	0.269	81.6	452 454	37 3808
9099	8.6	6 29.44	2.1200	0.0015	39 54 41.1	10.515	0.258	80.7	307 311	39 4068
9100	9.0	6 32.97	2.2062	0.0017	37 15 51.4	10.519	0.270	81.6	445 448	37 3809

[1] Z. 437 442 526 536 540 701 703 [2] Dpl. (50″) austr. seq. [3] Z. 707 709 710 711; M 204 205 210 213
[4] Z. 513 522 526 529 540 700 [5] Dpl. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9101	8.7	20h 6m 41s.31	+2s.1389	+0s.0016	+39° 21′ 44″.0	+10″.530	+0″.261	89.4	7 Beob. [1]	39° 4070
9102	9.1	6 42.41	2.2152	0.0017	36 59 15.9	10.531	0.271	81.7	470 472	36 3925
9103	8.6	6 43.19	2.2303	0.0017	36 30 9.9	10.532	0.273	81.6	440 467	36 3926
9104	8.9	6 43.33	2.1878	0.0016	37 51 32.2	10.532	0.267	81.6	463 465	37 3811
9105	9.2	6 47.09	2.2419	0.0017	36 7 39.6	10.537	0.274	80.7	294 305	36 3927
9106	8.0	20 6 51.80	+2.1829	+0.0016	+38 1 28.4	+10.543	+0.267	81.6	437 442	37 3812
9107	7.9	6 54.30	2.1694	0.0016	38 26 45.4	10.546	0.265	80.7	317 321	38 3939
9108	7.4	7 6.59	2.1680	0.0016	38 30 27.8	10.561	0.264	80.7	317 321	38 3940
9109	8.6	7 8.69	2.2103	0.0017	37 10 39.2	10.564	0.270	81.6	432 435	37 3816
9110	8.2	7 11.97	2.2520	0.0017	35 49 29.4	10.568	0.275	85.4	299 513 522	35 4013
9111	8.5	20 7 14.47	+2.1746	+0.0016	+38 18 37.2	+10.571	+0.265	89.8	7 Beob. [2]	38 3941
9112	8.5	7 20.62	2.1743	0.0016	38 19 40.3	10.578	0.265	81.5	427 429	38 3942
9113	6.9	7 22.17	2.1207	0.0015	39 57 25.8	10.580	0.258	80.7	287 290	39 4075
9114	9.1	7 26.58	2.2080	0.0017	37 16 32.7	10.586	0.269	81.6	456 458	37 3819
9115	7.3	7 33.32	2.1859	0.0017	37 58 53.4	10.594	0.266	81.7	470 472	37 3821
9116	7.0	20 7 40.15	+2.1833	+0.0017	+38 4 7.6	+10.603	+0.266	81.6	452 454	38 3946
9117	8.3	7 55.92	2.1350	0.0016	39 34 23.2	10.622	0.260	80.1	36 284	39 4079
9118	8.7	7 56.83	2.1422	0.0016	39 21 27.7	10.623	0.260	80.7	287 290	39 4080
9119	7.4	7 57.92	2.2841	0.0018	34 48 9.6	10.625	0.278	85.1	50 512 520	*34 3915*
9120	8.5	8 4.51	2.2402	0.0017	36 16 40.6	10.633	0.273	80.7	294 305	36 3933
9121	7.3	20 8 7.48	+2.1248	+0.0016	+39 53 36.2	+10.636	+0.258	80.7	307 311	39 4082
9122	8.6	8 9.15	2.1659	0.0017	38 39 4.3	10.638	0.263	81.5	432 435	38 3948
9123	8.2	8 11.01	2.1863	0.0017	38 1 1.4	10.641	0.266	81.6	437 442	37 3827
9124	8.9	8 13.79	2.1917	0.0017	37 51 10.2	10.644	0.266	81.6	445 448	37 3828
9125	8.8	8 29.15	2.1682	0.0017	38 36 19.2	10.663	0.263	80.7	317 321	38 3951
9126	8.8	20 8 30.91	+2.2391	+0.0018	+36 20 58.3	+10.665	+0.272	81.6	440 467	36 3937
9127	8.8	8 31.68	2.1843	0.0017	38 6 19.4	10.666	0.265	81.6	456 458	38 3952
9128	8.7	8 32.14	2.1520	0.0017	39 6 24.2	10.667	0.261	80.7	307 311	39 4085
9129	6.8	8 36.16	2.2731	0.0018	35 13 23.8	10.672	0.276	80.7	294 305	35 4023
9130	9.3	8 36.22	2.1377	0.0016	39 32 31.7	10.672	0.259	89.2	6 Beob. [3]	39 4086
9131	9.0	20 8 44.68	+2.1808	+0.0017	+38 13 51.9	+10.682	+0.265	81.6	437 442	38 3954
9132	9.1	8 44.80	2.1657	0.0017	38 42 3.1	10.682	0.263	80.1	36 284	38 3953
9133	9.5	8 45.69	2.2784	0.0018	35 3 14.8	10.684	0.277	87.5	299 513 522 712[4]	34 3925
9134	7.4	8 50.33	2.1760	0.0017	38 23 20.6	10.689	0.264	81.5	427 429	38 3956
9135	7.6	8 51.36	2.1772	0.0017	38 21 8.1	10.691	0.264	81.5	427 429	38 3957
9136	7.5	20 8 51.39	+2.2519	+0.0018	+35 57 4.5	+10.691	+0.273	81.6	440 467	35 4026
9137	8.9	8 54.15	2.2415	0.0018	36 17 55.6	10.694	0.272	89.8	7 Beob. [5]	36 3941
9138	8.3	8 55.80	2.1854	0.0017	38 6 9.4	10.696	0.265	81.6	452 454	38 3958
9139	8.4	9 0.46	2.2106	0.0017	37 18 37.8	10.702	0.268	81.5	432 435	37 3833
9140	8.2	9 1.64	2.2475	0.0018	36 6 30.9	10.703	0.273	81.6	445 448	36 3943
9141	8.8	20 9 8.66	+2.2229	+0.0018	+36 55 20.7	+10.712	+0.270	81.6	463 465	36 3945
9142	8.3	9 9.74	2.2437	0.0018	36 14 43.2	10.713	0.272	81.6	460 461	36 3946
9143	9.0	9 18.22	2.2464	0.0018	36 9 57.3	10.724	0.273	81.6	437 442	36 3947
9144	8.8	9 23.77	2.1943	0.0017	37 51 32.1	10.731	0.266	81.6	456 458	37 3834
9145	7.3	9 24.09	2.2448	0.0018	36 13 36.0	10.731	0.272	81.7	469 473	36 3949
9146	6.9	20 9 24.28	+2.1648	+0.0017	+38 46 48.7	+10.731	+0.262	80.7	307 311	38 3963
9147	7.9	9 24.76	2.2547	0.0018	35 54 2.7	10.732	0.273	81.6	452 454	35 4029
9148	9.1	9 27.12	2.2095	0.0017	37 22 48.5	10.735	0.268	81.5	432 435	37 3835
9149	7.4	9 28.12	2.2820	0.0018	34 59 9.0	10.736	0.276	85.4	299 513 522	34 3930
9150	9.1	9 35.78	2.2075	0.0017	37 27 15.1	10.745	0.267	81.7	472 473	37 3838

[1] Z. 36 284 526 529 540 700 703 [2] Z. 427 429 526 529 540 700 703 [3] Z. 287 290 536 701 712 714
[4] Z. 714 44s.97 11″.9, unter Wolken, ausgeschl. [5] Z. 470 472 526 529 540 700 703

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9151	8.7	20h 9m 38s.51	+2s.2289	+0s.0018	+36° 45′ 54″.5	+10″.749	+0″.270	81.6	460 461	36° 3952
9152	8.9	9 40.37	2.2351	0.0018	36 33 55.8	10.751	0.271	87.3	427 429 529 700	36 3954
9153	8.7	9 40.55	2.2812	0.0018	35 1 39.9	10.751	0.276	85.1	50 512 520	34 3934
9154	9.0	9 40.87	2.2749	0.0018	35 14 35.1	10.752	0.275	80.7	294 305	35 4032
9155	8.0	9 41.26	2.2579	0.0018	35 48 42.1	10.752	0.274	81.6	440 467	35 4033
9156	9.2	20 9 47.16	+2.1874	+0.0017	+38 6 22.1	+10.759	+0.265	80.7	317 321	38 3964
9157	7.8	9 51.19	2.2442	0.0017	36 16 55.1	10.764	0.272	81.6	445 448	36 3956
9158	5.4	9 51.26	2.2398	0.0018	36 25 28.8	10.764	0.271	87.6	13 Beob. [1]	36 3955
9159	7.1	9 52.50	2.2230	0.0018	36 58 27.1	10.766	0.269	81.7	463 465	36 3958
9160	8.9	9 58.46	2.2163	0.0018	37 12 4.7	10.773	0.268	87.4	463 465 536 701	37 3842
9161	7.1	20 9 59.27	+2.2417	+0.0018	+36 22 20.2	+10.774	+0.272	81.8	469 476 478 479	36 3959
9162	7.0	10 0.03	2.1278	0.0016	39 56 58.6	10.775	0.257	80.1	36 284	39 4096
9163	9.5	10 3.58	2.2510	0.0018	36 4 20.1	10.779	0.273	81.6	452 454	— —
9164	9.1	10 6.14	2.1741	0.0017	38 32 42.1	10.783	0.263	81.6	456 458	38 3965
9165	8.9	10 6.84	2.1260	0.0016	40 0 42.5	10.784	0.257	80.7	287 290	39 4097
9166	8.9	20 10 15.03	+2.1896	+0.0017	+38 4 26.1	+10.794	+0.265	81.6	437 442	38 3968
9167	9.5	10 15.25	2.2516	0.0018	36 3 56.6	10.794	0.273	93.5	529 700 712 M 314	36 3960
9168	8.5	10 21.67	2.1998	0.0017	37 45 29.5	10.802	0.266	81.5	432 435	37 3844
9169	7.9	10 24.61	2.2232	0.0018	37 0 33.7	10.805	0.269	81.7	470 472	36 3962
9170	7.8	10 27.55	2.2139	0.0018	37 18 50.3	10.809	0.268	81.6	460 461	37 3845
9171	8.8	20 10 30.79	+2.2273	+0.0018	+36 53 6.7	+10.813	+0.269	81.6	440 467	36 3964
9172	8.2	10 39.13	2.1857	0.0017	38 13 38.6	10.823	0.264	81.5	427 429	38 3971
9173	8.4	10 46.46	2.1377	0.0016	39 42 50.6	10.832	0.258	80.7	307 311	39 4102
9174	8.3	10 47.99	2.1509	0.0017	39 18 58.3	10.834	0.260	80.7	287 290	39 4103
9175	8.8	10 51.14	2.2145	0.0018	37 19 32.9	10.838	0.267	81.6	445 448	37 3851
9176	8.9	20 10 53.17	+2.1718	+0.0017	+38 40 40.9	+10.840	+0.262	80.7	317 321	38 3972
9177	8.9	10 55.37	2.1727	0.0017	38 39 6.3	10.843	0.262	89.5	6 Beob. [2]	38 3973
9178	8.2	10 57.01	2.2852	0.0018	34 59 14.5	10.845	0.275	85.4	299 513 522	34 3944
9179	9.0	11 1.86	2.1248	0.0016	40 7 12.4	10.851	0.256	80.1	36 284	40 4080
9180	8.9	11 10.07	2.2633	0.0018	35 44 34.7	10.861	0.273	90.7	5 Beob. [3]	35 4040
9181	8.7	20 11 22.29	+2.2428	+0.0018	+36 26 30.2	+10.876	+0.271	81.7	463 465	36 3973
9182	6.5	11 30.91	2.1786	0.0018	38 30 55.5	10.887	0.262	80.7	307 311	38 3977
9183	8.7	11 41.73	2.2794	0.0019	35 14 31.9	10.900	0.274	80.7	294 305	35 4043
9184	6.4	11 48.37	2.2369	0.0019	36 40 19.3	10.908	0.269	81.6	437 442	36 3978
9185	7.3	11 49.96	2.2605	0.0019	35 53 29.1	10.910	0.272	81.6	440 467	35 4044
9186	8.9	20 11 52.18	+2.2575	+0.0019	+35 59 36.2	+10.913	+0.272	81.5	427 429	35 4046
9187	9.0	11 52.86	2.2104	0.0018	37 32 18.0	10.914	0.266	81.6	445 448	37 3861
9188	9.1	11 53.39	2.2432	0.0019	36 28 16.0	10.914	0.270	81.5	432 435	36 3979
9189	8.2	11 53.89	2.2191	0.0018	37 15 27.6	10.915	0.267	81.6	452 454	37 3860
9190	7.4	11 54.03	2.2845	0.0019	35 5 0.6	10.915	0.275	85.4	299 513 522	35 4047
9191	8.4	20 11 54.29	+2.2405	+0.0019	+36 33 37.1	+10.915	+0.270	81.7	470 472	36 3980
9192	8.6	11 55.00	2.2191	0.0018	37 15 37.6	10.916	0.267	81.6	452 454	37 3862
9193	9.0	11 57.94	2.2276	0.0019	36 59 11.1	10.920	0.268	81.6	460 461	36 3981
9194	8.2	12 2.99	2.2255	0.0019	37 3 47.2	10.926	0.268	81.7	469 473	37 3863
9195	8.5	12 3.56	2.2229	0.0018	37 8 56.9	10.927	0.268	81.6	456 458	37 3864
9196	8.3	20 12 7.74	+2.1802	+0.0018	+38 30 51.6	+10.932	+0.262	80.7	317 321	38 3980
9197	8.3	12 8.69	2.2346	0.0019	36 46 20.1	10.933	0.269	81.7	463 465	36 3983
9198	8.4	12 14.54	2.2238	0.0019	37 7 56.9	10.940	0.267	81.6	456 458	37 3865
9199	7.7	12 16.60	2.2710	0.0019	35 34 18.7	10.943	0.273	81.8	476 478 479	35 4048
9200	8.2	12 18.21	2.2337	0.0019	36 48 49.6	10.945	0.269	81.6	460 461	36 3986

[1] Z. 476 478 479 526 540 703 707 709 710 711; M 33 34 35

[2] Z. 294 526 529 700 703

[3] Z. 456 458 536 701 712 714

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9201	8.3[1]	20h 12m 19s.03	+2s.1549	+0s.0017	+39° 18' 42".5	+10".946	+0".259	80.4	36 284 287 290	39° 4113
9202	8.2	12 21.40	2.2191	0.0018	37 17 44.3	10.948	0.267	81.6	437 442	37 3866
9203	7.8	12 21.55	2.2270	0.0019	37 2 14.6	10.949	0.268	81.5	432 435	36 3987
9204	9.1	12 21.71	2.2917	0.0019	34 52 10.0	10.949	0.275	85.1	50 512 520	*34 3954*
9205	8.5	12 26.49	2.2685	0.0019	35 40 0.3	10.955	0.273	81.6	440 467	35 4050
9206	5.4	20 12 28.45	+2.1334	+0.0017	+39 58 45.4	+10.957	+0.256	93.4	11 Beob. [2]	39 4114
9207	9.5	12 40.88	2.2760	0.0019	35 25 51.3	10.972	0.273	87.4	470 472 529 700	35 4051
9208	7.2	12 46.52	2.1266	0.0017	40 12 16.9	10.979	0.255	80.7	307 311	40 4093
9209	6.3	12 47.25	2.2029	0.0018	37 50 56.4	10.980	0.264	81.6	452 454	37 3867
9210	9.0	12 50.72	2.2317	0.0019	36 55 18.9	10.984	0.268	81.6	445 448	36 3991
9211	8.3	20 12 52.17	+2.2224	+0.0019	+37 13 42.4	+10.986	+0.267	81.5	427 429	37 3868
9212	6.2	12 55.05	2.1599	0.0018	39 12 23.4	10.990	0.259	81.8	476 478 479	39 4115
9213	8.4	12 58.06	2.2588	0.0019	36 2 8.7	10.993	0.271	80.7	294 305	35 4054
9214	8.3	13 6.75	2.1817	0.0018	38 32 49.1	11.004	0.261	81.6	437 442	38 3990
9215	9.3	13 6.78	2.1297	0.0017	40 8 26.6	11.004	0.255	80.1	36 284	40 4097
9216	8.9	20 13 8.97	+2.1923	+0.0018	+38 12 55.4	+11.007	+0.263	81.7	463 465	38 3991
9217	5.4	13 10.82	2.2102	0.0018	37 38 42.9	11.009	0.265	91.2	13 Beob. [3]	37 3871
9218	8.5	13 11.18	2.1946	0.0018	38 8 39.9	11.009	0.263	81.7	470 472	38 3994
9219	9.0	13 12.03	2.2846	0.0019	35 10 42.2	11.010	0.274	85.1	50 512 520	35 4055
9220	8.0	13 17.80	2.1309	0.0017	40 7 7.7	11.017	0.255	80.7	287 290	40 4098
9221	8.8	20 13 20.77	+2.2244	+0.0019	+37 12 3.8	+11.021	+0.267	81.5	432 435	37 3872
9222	8.6[4]	13 20.83	2.1502	0.0017	39 32 18.3	11.021	0.257	80.7	317 321	39 4118
9223	8.3	13 22.22	2.2374	0.0019	36 46 34.5	11.023	0.268	81.6	452 454	36 3994
9224	8.9	13 22.61	2.1871	0.0018	38 23 54.2	11.023	0.262	81.6	456 458	38 3996
9225	8.7	13 24.70	2.1985	0.0018	38 2 16.6	11.026	0.263	81.6	445 448	37 3873
9226	8.4	20 13 27.47	+2.2556	+0.0019	+36 10 52.0	+11.029	+0.270	81.7	469 473	36 3995
9227	8.7	13 28.10	2.2525	0.0019	36 16 58.2	11.030	0.270	81.6	460 461	36 3996
9228	8.9	13 29.27	2.1648	0.0018	39 6 9.9	11.031	0.259	80.7	307 311	39 4119
9229	8.6	13 33.84	2.1895	0.0018	38 20 11.2	11.037	0.262	81.7	469 473	38 3997
9230	8.2	13 34.92	2.1867	0.0018	38 25 39.6	11.038	0.262	81.6	456 458	38 3998
9231	8.6	20 13 41.87	+2.1628	+0.0018	+39 10 50.6	+11.047	+0.259	80.7	317 321	39 4124
9232	9.1	13 42.57	2.1922	0.0018	38 15 50.6	11.048	0.262	81.7	470 472	38 3999
9233	8.0	13 44.26	2.2656	0.0019	35 51 56.1	11.050	0.271	85.4	299 513 522	35 4059
9234	8.5	13 44.86	2.1449	0.0017	39 43 59.7	11.050	0.256	81.6	437 442	39 4125
9235	8.7	13 46.52	2.1527	0.0018	39 29 46.5	11.052	0.257	81.6	445 448	39 4126
9236	5.2	20 13 47.72	+2.2435	+0.0019	+36 36 33.9	+11.054	+0.269	81.8	476 478 479	36 3998
9237	8.9	13 48.33	2.2292	0.0019	37 4 50.6	11.055	0.267	81.7	463 465	37 3875
9238	8.5	13 53.03	2.1547	0.0018	39 26 38.1	11.060	0.257	80.7	287 290	39 4127
9239	8.2	13 55.88	2.1366	0.0018	39 59 56.2	11.064	0.255	81.6	460 461	39 4128
9240	8.8	13 56.42	2.1857	0.0019	38 29 18.8	11.064	0.261	81.5	427 429	38 4000
9241	9.0	20 13 57.60	+2.1316	+0.0017	+40 9 8.0	+11.066	+0.254	89.0	6 Beob. [5]	40 4105
9242	9.3	14 2.26	2.2760	0.0019	35 32 13.2	11.071	0.272	80.7	294 305	35 4061
9243	8.1	14 3.06	2.1626	0.0018	39 13 1.4	11.072	0.258	80.7	317 321	39 4129
9244	8.6	14 4.19	2.2639	0.0019	35 57 1.6	11.074	0.271	81.6	440 469	35 4062
9245	7.4	14 11.91	2.1427	0.0018	39 50 12.8	11.083	0.256	81.7	469 473	39 4130
9246	8.9	20 14 13.89	+2.1695	+0.0018	+39 0 58.4	+11.086	+0.259	81.6	452 454	38 4002
9247	7.2	14 15.97	2.2054	0.0019	37 53 20.5	11.088	0.263	81.7	463 465	37 3879
9248	8.2	14 16.03	2.2189	0.0019	37 27 8.8	11.088	0.265	81.7	470 472	37 3878
9249	9.0	14 21.60	2.2224	0.0019	37 20 34.7	11.095	0.266	81.5	432 435	37 3880
9250	9.3	14 23.31	2.1588	0.0018	39 21 43.4	11.097	0.258	80.7	307 311	39 4132

[1] Dpl. austr. seq. [2] Z. 526 536 540 701 703 707 709 710 711 712 714
[3] Z. 526 529 536 540 700 701 703 707 709 710 711; M 33 35 [4] Dpl. praec. [5] Z. 36 284 536 701 712 714

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
9251	6.4	20h 14m 24s.60	+2s.1829	+0s.0018	+38° 36′ 48″.3	+11″.099	+0″.260	81.8	476 478 479	38° 4003
9252	9.3	14 25.23	2.2329	0.0019	37 0 28.6	11.099	0.267	81.6	437 442	36 4004
9253	7.8	14 25.49	2.2524	0.0019	36 21 44.0	11.100	0.269	91.2	6 Beob. [1]	36 4005
9254	8.4	14 29.74	2.2217	0.0019	37 22 41.9	11.105	0.265	81.5	432 435	37 3881
9255	7.2[2]	14 31.79	2.2097	0.0018	37 46 14.3	11.107	0.264	81.6	452 454	37 3882
9256	8.5	20 14 36.08	+2.2253	+0.0019	+37 16 11.0	+11.112	+0.266	81.5	427 429	37 3883
9257	9.1[3]	14 36.11	2.2579	0.0019	36 11 40.1	11.113	0.270	81.6	440 467	36 4006
9258	7.0	14 36.46	2.1748	0.0018	38 52 56.5	11.113	0.259	81.7	470 472	38 4006
9259	8.9	14 56.43	2.2808	0.0019	35 26 43.7	11.137	0.272	85.1	50 512 520	35 4068
9260	8.2	14 58.24	2.1930	0.0019	38 20 21.8	11.139	0.261	81.6	445 448	38 4010
9261	8.5	20 14 58.42	+2.1827	+0.0019	+38 39 54.6	+11.140	+0.260	81.6	460 461	38 4012
9262	8.4	15 1.66	2.2426	0.0020	36 44 7.3	11.144	0.267	81.6	460 461	36 4007
9263	8.7	15 3.06	2.2056	0.0019	37 56 38.2	11.145	0.263	81.6	445 448	37 3890
9264	8.6	15 4.46	2.2247	0.0019	37 19 43.0	11.147	0.265	81.7	463 465	37 3889
9265	6.9	15 7.69	2.2428	0.0020	36 44 23.8	11.151	0.267	81.6	452 454	36 4008
9266	8.8	20 15 12.51	+2.1979	+0.0019	+38 12 11.4	+11.157	+0.262	81.6	456 458	38 4016
9267	7.4	15 13.33	2.2059	0.0019	37 56 59.4	11.158	0.263	81.6	437 442	37 3892
9268	8.4	15 14.10	2.2688	0.0020	35 52 33.8	11.159	0.270	85.4	299 513 522	35 4069
9269	8.5	15 17.02	2.2347	0.0020	37 1 2.1	11.162	0.266	81.6	432 435	36 4009
9270	9.0	15 24.[illegible]	2.1678	0.0019	39 9 49.2	11.171	0.258	89.4	7 Beob. [4]	39 4137
9271	9.1	20 15 27.35	+2.2742	+0.0020	+35 42 37.3	+11.175	+0.269	80.7	294 305	35 4071
9272	8.7	15 28.08	2.1657	0.0019	39 14 12.5	11.176	0.257	80.7	287 290	39 4138
9273	8.4	15 31.08	2.2225	0.0019	37 26 15.2	11.179	0.265	81.5	427 429	37 3894
9274	8.4	15 36.16	2.1915	0.0019	38 26 22.5	11.185	0.261	80.7	317 321	38 4019
9275	6.4[5]	15 43.49	2.1737	0.0019	39 0 35.8	11.194	0.258	81.7	469 473	38 4021
9276	9.1	20 15 46.03	+2.2830	+0.0020	+35 26 4.4	+11.197	+0.272	80.7	294 305	35 4073
9277	8.9	15 50.51	2.1876	0.0019	38 34 51.2	11.203	0.260	81.7	470 472	38 4026
9278	8.5[6]	15 51.41	2.2999	0.0020	34 51 27.6	11.204	0.273	85.4	299 513 522	*34 3978*
9279	8.8	15 53.48	2.1669	0.0018	39 14 3.0	11.206	0.257	80.7	287 290	39 4140
9280	9.0	16 4.52	2.2473	0.0020	36 40 0.1	11.220	0.267	81.6	445 448	36 4017
9281	9.1	20 16 11.50	+2.2359	+0.0020	+37 3 6.7	+11.228	+0.266	81.7	463 465	36 4019
9282	7.8	16 11.73	2.2111	0.0019	37 51 39.3	11.228	0.263	81.6	456 458	37 3897
9283	8.5	16 14.85	2.2512	0.0020	36 32 58.5	11.232	0.267	81.6	460 461	36 4020
9284	8.5	16 16.89	2.2274	0.0020	37 20 12.1	11.235	0.265	81.5	427 429	37 3898
9285	8.9	16 18.12	2.1685	0.0019	39 13 6.8	11.236	0.257	80.1	36 284	39 4144
9286	8.7	20 16 23.03	+2.2020	+0.0019	+38 10 5.5	+11.242	+0.261	81.5	432 435	38 4030
9287	9.0	16 23.81	2.1732	0.0019	39 4 41.3	11.243	0.258	80.7	307 311	39 4145
9288	8.3	16 31.98	2.2832	0.0020	35 29 17.1	11.253	0.271	90.1	8 Beob. [7]	35 4078
9289	7.9	16 33.96	2.1878	0.0019	38 38 8.6	11.255	0.259	81.6	437 442	38 4032
9290	8.4	16 35.54	2.2381	0.0020	37 0 44.7	11.257	0.266	81.6	452 454	36 4024
9291	9.5	20 16 35.90	+2.2669	+0.0020	+36 3 6.1	+11.258	+0.269	81.6	440 467	35 4080
9292	8.8	16 38.18	2.2096	0.0020	37 56 42.5	11.260	0.262	81.7	469 473	37 3900
9293	8.5	16 44.52	2.1698	0.0019	39 12 49.0	11.268	0.257	80.7	287 290	39 4148
9294	8.7	16 49.49	2.2463	0.0020	36 45 36.4	11.274	0.266	81.7	463 465	36 4027
9295	9.0	16 55.48	2.2395	0.0020	36 59 39.4	11.281	0.266	81.6	456 458	36 4031
9296	8.7	20 16 55.69	+2.2814	+0.0020	+35 34 52.5	+11.281	+0.270	80.7	294 305	35 4082
9297	8.6	17 2.20	2.1636	0.0019	39 25 55.8	11.289	0.256	80.1	36 284	39 4151
9298	8.4	17 8.15	2.1437	0.0019	40 2 58.4	11.296	0.253	80.7	307 311	39 4152
9299	8.5	17 8.34	2.1762	0.0019	39 2 47.3	11.297	0.257	81.7	470 472	38 4035
9300	9.0	17 10.69	2.2122	0.0020	37 54 26.4	11.300	0.262	81.6	445 448	37 3904

[1] Z. 456 526 529 540 700 703 [2] Z. 454 [9m.0] [3] Dpl. bor. praec. [4] Z. 36 284 526 529 540 700 703
[5] Dpl. austr. seq. [6] 8.0 9.4 8.2; BD 8.5 [7] Z. 50 512 520 526 529 540 700 703

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
9301	9.0	20h 17m 12s.98	+2s.2975	+0s.0020	+35° 2' 59".6	+11".302	+0".272	85.4	299 513 522	34° 3990
9302	9.1	17 14.64	2.1526	0.0019	39 47 14.6	11.304	0.254	80.7	317 321	39 4154
9303	8.5	17 15.61	2.2023	0.0020	38 13 52.0	11.305	0.261	81.5	432 435	38 4036
9304	9.1	17 21.61	2.1820	0.0019	38 53 7.3	11.313	0.258	81.6	437 442	38 4037
9305	8.3	17 22.42	2.2751	0.0020	35 50 6.7	11.314	0.269	81.6	440 467	35 4083
9306	8.9	20 17 23.96	+2.1764	+0.0019	+39 3 40.2	+11.315	+0.257	81.6	452 454	38 4038
9307	8.6	17 31.38	2.1648	0.0019	39 26 3.4	11.324	0.256	80.7	307 311	39 4156
9308	7.3	17 36.31	2.2197	0.0020	37 41 54.7	11.330	0.263	81.6	460 461	37 3908
9309	8.3	17 38.17	2.1869	0.0019	38 45 4.3	11.333	0.258	80.7	317 321	38 4041
9310	8.3	17 38.53	2.1449	0.0019	40 3 13.5	11.333	0.253	80.7	287 290	39 4157
9311	**2.4**	**20 17 44.58**	**+2.1517**	**+0.0019**	**+39 51 26.9**	**+11.340**	**+0.254**		**Fund. Cat.**	**39 4159**
9312	8.7	17 45.77	2.2007	0.0020	38 19 32.8	11.342	0.260	90.8	6 Beob. [1]	38 4043
9313	8.3	17 48.94	2.2976	0.0020	35 5 42.4	11.346	0.271	85.1	50 512 520	35 4086
9314	8.5	17 54.67	2.2807	0.0020	35 41 13.6	11.352	0.269	80.7	294 305	35 4087
9315	8.5	17 58.05	2.2197	0.0020	37 43 47.6	11.356	0.262	81.5	427 429	37 3909
9316	9.5	20 18 6.81	+2.2680	+0.0020	+36 8 9.8	+11.367	+0.268	81.5	432 435	36 4039
9317	8.2	18 9.00	2.2413	0.0020	37 2 6.4	11.370	0.265	81.6	437 442	36 4040
9318	8.5	18 14.27	2.2241	0.0020	37 36 27.5	11.376	0.263	81.6	456 458	37 3911
9319	8.4	18 20.59	2.1870	0.0020	38 48 27.0	11.384	0.258	81.7	470 472	38 4050
9320	8.3	18 23.56	2.2933	0.0020	35 17 28.2	11.387	0.270	81.6	440 467	35 4090
9321	6.8	20 18 24.01	+2.1871	+0.0020	+38 48 36.1	+11.388	+0.258	81.7	470 472	38 4051
9322	8.7	18 25.02	2.2347	0.0020	37 16 34.5	11.389	0.264	81.6	452 454	37 3914
9323	8.8	18 28.60	2.1831	0.0020	38 56 37.0	11.393	0.257	81.7	463 465	38 4053
9324	8.9	18 29.34	2.2017	0.0020	38 21 11.0	11.394	0.259	81.6	460 461	38 4052
9325	9.0	18 33.23	2.2884	0.0021	35 28 26.4	11.399	0.270	81.6	460 461	35 4092
9326	9.4	20 18 35.11	+2.1427	+0.0019	+40 12 4.4	+11.401	+0.252	93.5	536 701 712 714	40 4142
9327	9.6	18 35.78	2.2823	0.0021	35 41 17.7	11.402	0.269	81.6	445 448	35 4093
9328	8.8	18 36.96	2.1426	0.0020	40 12 31.6	11.403	0.252	80.4	36 284 307 311	40 4143
9329	8.5	18 51.59	2.1969	0.0020	38 32 15.0	11.421	0.259	81.5	427 429	38 4057
9330	9.5	18 52.13	2.2829	0.0021	35 41 15.5	11.421	0.269	87.6	294 529 700 703	35 4096
9331	8.4	20 18 53.36	+2.2583	+0.0021	+36 31 36.4	+11.423	+0.266	81.7	463 465	36 4049
9332	8.6	19 0.50	2.1991	0.0020	38 28 48.3	11.432	0.258	81.6	437 442	38 4059
9333	6.7	19 3.88	2.2424	0.0021	37 4 25.7	11.435	0.264	87.4	12 Beob. [2]	37 3916
9334	6.8	19 5.84	2.2560	0.0021	36 37 24.5	11.438	0.266	81.6	456 458	36 4051
9335	9.1	19 5.95	2.2835	0.0021	35 41 13.1	11.438	0.268	84.3	299 305 513 522	35 4097
9336	9.0	20 19 6.09	+2.2709	+0.0021	+36 7 12.3	+11.438	+0.267	81.6	452 454	36 4050
9337	8.8	19 6.68	2.1751	0.0020	39 14 57.7	11.439	0.255	80.7	287 290	39 4163
9338	8.5	19 8.56	2.2273	0.0021	37 34 48.0	11.441	0.262	81.5	432 435	37 3918
9339	8.8	19 14.54	2.2118	0.0021	38 5 24.8	11.448	0.260	81.7	470 472	38 4063
9340	8.0	19 15.90	2.2800	0.0021	35 49 21.7	11.450	0.268	81.6	440 467	35 4099
9341	8.7	20 19 19.16	+2.2570	+0.0021	+36 36 26.4	+11.454	+0.265	81.6	456 458	36 4052
9342	8.4	19 24.80	2.2117	0.0021	38 6 38.3	11.461	0.260	81.6	445 448	38 4069
9343	8.6	19 28.20	2.2110	0.0021	38 8 5.7	11.465	0.260	81.6	445 448	38 4071
9344	8.2	19 30.17	2.1797	0.0020	39 8 17.8	11.467	0.256	80.7	317 321	39 4166
9345	9.4	19 30.61	2.2842	0.0021	35 41 45.2	11.468	0.268	81.6	440 467	35 4101
9346	9.0	20 19 32.08	+2.2478	+0.0021	+36 56 0.2	+11.469	+0.264	81.7	463 465	36 4054
9347	8.8	19 33.35	2.2180	0.0021	37 54 57.2	11.471	0.261	81.6	452 454	37 3921
9348	8.6	19 34.31	2.1542	0.0020	39 56 9.7	11.472	0.252	80.7	307 311	39 4167
9349	8.3	19 37.76	2.2409	0.0020	37 10 18.3	11.476	0.264	81.6	437 442	37 3922
9350	8.7	19 40.43	2.2225	0.0021	37 46 52.7	11.479	0.261	81.5	427 429	37 3923

[1] Z. 36 526 529 540 700 703 [2] Z. 476 536 701 707 709 710 711; M 33 210 213 215 216

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9351	8.5	20h 19m 50s.77	+2s.2035	+0s.0021	+38° 24′ 41″.6	+11″.492	+0″.258	81.6	456 458	38° 4075
9352	8.3	19 50.95	2.1988	0.0020	38 33 38.3	11.492	0.258	81.7	470 472	38 4074
9353	8.5	20 1.51	2.2572	0.0021	36 39 26.3	11.504	0.265	89.3	435 529 700	36 4057
9354	8.4[1]	20 1.56	2.2954	0.0021	35 21 8.4	11.504	0.269	91.6	7 Beob.[2]	35 4102
9355	8.5	20 1.97	2.1770	0.0020	39 15 55.3	11.505	0.255	80.7	287 290	39 4170
9356	8.8	20 20 12.21	+2.2894	+0.0021	+35 34 27.4	+11.517	+0.268	85.4	299 513 522	35 4104
9357	8.4	20 14.31	2.2819	0.0021	35 50 6.7	11.520	0.267	81.0	50 294 305 512	35 4105
9358	6.6	20 18.30	2.1623	0.0020	39 44 52.9	11.524	0.253	80.7	317 321	39 4172
9359	8.7	20 18.89	2.2264	0.0021	37 42 21.1	11.525	0.261	81.5	427 429	37 3926
9360	8.7	20 27.03	2.1728	0.0020	39 26 0.7	11.535	0.254	80.7	307 311	39 4174
9361	8.6	20 20 43.95	+2.1679	+0.0020	+39 36 46.0	+11.555	+0.253	80.7	317 321	39 4176
9362	7.1	20 56.41	2.1757	0.0020	39 23 10.5	11.570	0.254	80.7	287 290	39 4178
9363	8.2[3]	20 59.24	2.1661	0.0020	39 41 26.5	11.573	0.253	81.6	456 458	39 4180
9364	9.2	20 59.60	2.2786	0.0021	36 0 45.6	11.574	0.266	80.7	294 305	35 4112
9365	8.4	20 59.76	2.2573	0.0021	36 44 15.2	11.574	0.264	81.6	437 442	36 4065
9366	8.4	20 21 10.13	+2.1694	+0.0020	+39 36 7.4	+11.586	+0.253	80.7	317 321	39 4181
9367	8.8	21 10.47	2.3138	0.0021	34 47 58.9	11.587	0.270	85.1	50 512 520	*34 4016*
9368	8.9	21 11.37	2.2486	0.0021	37 2 45.0	11.588	0.263	90.6	432 701 712 714	36 4066
9369	8.0	21 13.81	2.2968	0.0021	35 24 12.6	11.591	0.268	89.8	7 Beob.[4]	35 4113
9370	8.1	21 14.96	2.2819	0.0021	35 55 16.2	11.592	0.266	81.6	445 448	35 4114
9371	8.9	20 21 16.45	+2.1818	+0.0021	+39 13 21.8	+11.594	+0.254	81.7	470 472	39 4184
9372	9.1	21 21.82	2.2652	0.0022	36 30 2.9	11.600	0.265	81.5	427 429	36 4067
9373	8.6	21 22.17	2.1510	0.0021	40 11 25.1	11.601	0.251	93.4	536 701 714	40 4163
9374	8.5	21 23.97	2.2979	0.0022	35 22 46.3	11.603	0.268	81.6	440 467	35 4115
9375	8.7	21 25.72	2.2826	0.0022	35 54 42.0	11.605	0.266	81.6	445 448	35 4116
9376	9.2	20 21 29.31	+2.3041	+0.0022	+35 10 8.2	+11.609	+0.269	85.4	299 513 522	35 4117
9377	8.9	21 30.37	2.2572	0.0022	36 47 3.1	11.610	0.264	81.7	463 465	36 4068
9378	6.6	21 33.85	2.1579	0.0021	39 59 35.0	11.615	0.251	80.7	307 311	39 4186
9379	9.2[5]	21 33.96	2.2495	0.0022	37 2 58.7	11.615	0.263	81.6	452 454	36 4069
9380	7.3	21 34.10	2.2068	0.0021	38 27 9.3	11.615	0.257	80.1	36 284	38 4081
9381	8.0	20 21 35.32	+2.2868	+0.0022	+35 46 54.8	+11.616	+0.267	81.6	460 461	35 4118
9382	9.2	21 45.00	2.2898	0.0022	35 41 28.5	11.628	0.267	81.6	452 454	35 4120
9383	7.9	21 45.09	2.3017	0.0022	35 16 27.1	11.628	0.268	80.7	294 305	35 4119
9384	9.0	21 49.29	2.2647	0.0022	36 33 32.2	11.633	0.265	81.7	463 465	36 4071
9385	8.4	21 53.69	2.2760	0.0022	36 10 41.7	11.638	0.265	81.5	427 429	36 4072
9386	9.2	20 22 1.41	+2.2737	+0.0022	+36 16 2.2	+11.647	+0.265	81.6	437 442	36 4073
9387	9.0	22 8.52	2.2548	0.0022	36 55 5.6	11.656	0.263	81.6	456 458	36 4075
9388	6.5	22 9.96	2.1886	0.0021	39 5 8.0	11.657	0.255	80.1	36 284	39 4192
9389	8.7	22 10.42	2.2030	0.0021	38 37 40.7	11.658	0.256	81.5	432 435	38 4087
9390	8.7	22 10.90	2.2464	0.0022	37 12 16.3	11.658	0.262	89.8	7 Beob.[6]	37 3935
9391	8.1	20 22 12.29	+2.1898	+0.0021	+39 3 7.1	+11.660	+0.255	81.7	470 472	38 4088
9392	7.9	22 13.37	2.1616	0.0021	39 56 13.2	11.661	0.251	80.7	287 290	39 4193
9393	9.1	22 18.11	2.3009	0.0022	35 20 54.3	11.667	0.268	81.6	440 467	35 4123
9394	8.4	22 35.21	2.2090	0.0022	38 28 12.9	11.687	0.257	81.7	463 465	38 4092
9395	9.1	22 35.26	2.3136	0.0022	34 55 32.2	11.687	0.269	85.4	299 513 522	34 4028
9396	8.4	20 22 36.62	+2.1722	+0.0021	+39 38 27.8	+11.689	+0.252	80.7	307 311	39 4195
9397	9.2	22 42.03	2.1925	0.0021	39 0 26.8	11.695	0.255	80.7	317 321	38 4095
9398	7.4	22 50.50	2.1831	0.0021	39 19 13.7	11.705	0.253	80.7	287 290	39 4196
9399	9.1	22 51.39	2.2673	0.0022	36 33 25.0	11.706	0.264	81.6	437 442	36 4082
9400	8.7	22 56.21[7]	2.2133	0.0022	38 21 36.6	11.712	0.257	89.3 87.3	427 429 536 701	38 4098

[1] Dpl. 2″ bor. seq. [2] Z. 512 520 526 529 540 700 703 [3] Dpl. bor. praec.
[4] Z. 440 467 526 529 540 700 703 [5] Dpl. seq. [6] Z. 445 448 526 529 540 700 703 [7] Z. 429 [55s.74]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9401	5.7	20ʰ 22ᵐ 56ˢ.41	+2ˢ.2234	+0ˢ.0022	+38° 1' 49".3	+11".712	+0".258	86.1	10 Beob. [1]	37° 3941
9402	8.9	23 4.68	2.2817	0.0022	36 4 57.5	11.722	0.265	81.5	432 435	36 4084
9403	8.6	23 8.47	2.1798	0.0022	39 26 59.5	11.727	0.253	80.1	36 284	39 4197
9404	9.1	23 13.05	2.1813	0.0022	39 24 32.3	11.732	0.253	80.7	307 311	39 4200
9405	9.2	23 18.96	2.2717	0.0022	36 26 46.7	11.739	0.264	81.6	456 458	36 4086
9406	8.2	20 23 23.05	+2.3041	+0.0022	+35 19 43.0	+11.744	+0.267	90.1	8 Beob. [2]	35 4130
9407	8.7	23 23.10	2.2891	0.0022	35 51 6.9	11.744	0.265	80.7	294 305	35 4129
9408	8.4	23 29.46	2.2271	0.0022	37 57 28.2	11.752	0.259	81.7	470 472	37 3944
9409	9.0	23 33.39	2.2022	0.0022	38 46 13.4	11.756	0.255	80.7	317 321	[38 4100]
9410	8.7	23 35.40	2.2015	0.0022	38 47 58.0	11.759	0.255	81.6	427 452 454	38 4101
9411	8.0	20 23 35.87	+2.1572	+0.0021	+40 11 47.0	+11.759	+0.250	80.1	36 284	40 4183
9412	9.2	23 45.69	2.2701	0.0022	36 32 30.4	11.771	0.263	81.6	437 442	36 4088
9413	7.5	23 47.69	2.2455	0.0023	37 22 31.5	11.773	0.260	81.6	456 458	37 3946
9414	9.1	23 47.76	2.2924	0.0023	35 46 31.2	11.773	0.265	89.0	294 536 701	35 4133
9415	7.3	23 50.66	2.1986	0.0022	38 54 50.2	11.777	0.254	81.7	463 465	38 4102
9416	8.5	20 23 52.51	+2.1973	+0.0022	+38 57 36.8	+11.779	+0.254	81.5	432 435	38 4103
9417	9.4	23 59.32	2.3090	0.0023	35 12 22.0	11.787	0.267	81.6	440 467	35 4135
9418	9.2	23 59.47	2.2339	0.0023	37 46 41.9	11.787	0.259	81.7	469 473	37 3948
9419	8.3	24 6.00	2.2038	0.0022	38 46 18.9	11.795	0.255	81.6	429 452 454	38 4105
9420	8.6	24 8.25	2.1949	0.0022	39 3 34.3	11.797	0.254	81.7	470 472	38 4106
9421	8.8	20 24 11.47	+2.1801	+0.0022	+39 31 59.7	+11.801	+0.252	89.0	287 529 700	39 4206
9422	7.3	24 17.76	2.3039	0.0023	35 24 58.2	11.809	0.266	85.4	299 513 522	35 4140
9423	9.2	24 30.50	2.1763	0.0022	39 40 55.8	11.824	0.251	80.7	307 311	39 4209
9424	8.2	24 31.43	2.2557	0.0023	37 5 46.8	11.825	0.261	81.6	445[3] 448	37 3950
9425	6.2	24 34.39	2.2867	0.0023	36 2 17.9	11.828	0.264	80.7	294 305	35 4141
9426	8.6	20 24 34.95	+2.3163	+0.0023	+35 0 3.4	+11.829	+0.267	85.1	50 512 520	34 4044
9427	9.0	24 38.70	2.2561	0.0023	37 5 33.4	11.833	0.261	81.6	445 448	37 3951
9428	8.3	24 51.25	2.1773	0.0022	39 40 56.6	11.848	0.251	80.7	287 290	39 4210
9429	8.4	24 51.46	2.2132	0.0023	38 32 4.1	11.848	0.255	81.5	432 435	38 4111
9430	8.5	24 52.84	2.1971	0.0022	39 3 24.0	11.850	0.253	81.6	437 442	38 4112
9431	8.5	20 24 55.94	+2.2239	+0.0023	+38 11 26.7	+11.854	+0.256	81.6	456 458	38 4114
9432	8.4	24 57.14	2.2137	0.0023	38 31 28.7	11.855	0.255	81.5	432 435	38 4116
9433	8.4	25 3.14	2.2388	0.0023	37 42 28.5	11.862	0.258	81.7	470 472	37 3952
9434	7.7	25 3.57	2.2727	0.0023	36 33 47.2	11.862	0.262	81.6	440 467	36 4095
9435	8.2	25 8.73	2.2848	0.0023	36 9 14.0	11.869	0.263	81.5	427 429	36 4097
9436	8.7	20 25 12.07	+2.1924	+0.0023	+39 14 4.0	+11.872	+0.252	80.1	36 284	39 4212
9437	8.7	25 19.21	2.2699	0.0023	36 41 4.7	11.881	0.262	81.6	452 454	36 4100
9438	8.7	25 20.39	2.2271	0.0023	38 7 18.2	11.882	0.256	91.2 89.8	7 Beob. [4]	38 4119
9439	9.1	25 22.59	2.1703	0.0022	39 56 55.9	11.885	0.250	80.7	307[5] 311	39 4213
9440	8.7	25 24.79	2.2551	0.0023	37 11 44.6	11.887	0.260	81.7	463 465	37 3953
9441	9.0	20 25 25.10	+2.1954	+0.0022	+39 9 22.9	+11.888	+0.253	80.7	317 321	39 4214
9442	7.9	25 25.25	2.2683	0.0023	36 44 55.7	11.888	0.262	81.7	463 465	36 4101
9443	8.8	25 27.42	2.2980	0.0023	35 43 22.5	11.891	0.265	80.7	294 305	35 4143
9444	8.6	25 42.81	2.2595	0.0023	37 4 24.4	11.909	0.260	81.6	456 458	37 3955
9445	8.6	25 46.06	2.2278	0.0023	38 8 15.4	11.912	0.256	81.6	437 442	38 4121
9446	8.9[6]	20 25 50.29	+2.3213	+0.0023	+34 55 43.2	+11.917	+0.267	85.4	299 513 522	34 4056
9447	9.0	25 51.76	2.2189	0.0023	38 26 9.8	11.919	0.255	81.7	470 472	38 4123
9448	9.2	25 55.57	2.2151	0.0023	38 33 58.5	11.923	0.255	81.5	432 435	38 4124
9449	7.7	25 58.25	2.2921	0.0023	35 58 28.5	11.927	0.263	81.6	440 467	35 4146
9450	9.2	25 58.36	2.2062	0.0023	38 51 42.5	11.927	0.253	81.5	427 429	38 4125

[1] Z. 469 473 709 710 711; M 34 35 204 205 308 [2] Z. 50 512 520 526 529 540 700 703 [3] Dpl. bor. seq.
[4] Z. 445 450δ 526 529 540 700 703 [5] Dpl. 7" bor. seq. [6] Dpl. 10" bor. praec.

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
9451	7.2	20h 25m 59s.94	+2s.1677	+0s.0022	+40° 5' 14".2	+11".929	+0".249	80.1	36 284	40° 4206
9452	8.6	26 4.76	2.3136	0.0023	35 13 25.8	11.934	0.266	91.2 89.8	7 Beob.[1]	35 4148
9453	8.7	26 10.06	2.1827	0.0023	39 37 43.4	11.940	0.251	80.7	287 290	39 4217
9454	9.2	26 12.87	2.2694	0.0023	36 46 48.6	11.944	0.261	81.6	456 458	36 4104
9455	6.4	26 14.38	2.2772	0.0023	36 30 56.1	11.946	0.262	81.6	460 461	36 4105
9456	8.9	20 26 30.92	+2.2279	+0.0024	+38 12 2.6	+11.965	+0.255	81.5	427 429	38 4127
9457	7.3	26 31.04	2.1718	0.0023	40 0 20.9	11.965	0.249	80.7	307 311	39 4219
9458	8.8	26 31.90	2.3004	0.0024	35 43 52.8	11.966	0.264	80.7	294 305	35 4150
9459	9.1	26 38.13	2.1862	0.0023	39 33 44.8	11.973	0.251	80.7	317 321	39 4220
9460	8.8	26 38.35	2.2517	0.0024	37 25 9.2	11.974	0.258	81.7	463 465	37 3960
9461	9.4	20 26 38.69	+2.2715	+0.0024	+36 44 45.7	+11.974	+0.261	81.6	437 442	36 4109
9462	9.3	26 42.16	2.3240	0.0024	34 54 28.2	11.978	0.266	85.4	299 513 522	34 4062
9463	8.7	26 43.21	2.2903	0.0024	36 6 10.1	11.979	0.263	81.6	452 454	36 4110
9464	7.3	26 52.51	2.1883	0.0023	39 30 59.8	11.990	0.251	80.7	287 290	39 4221
9465	8.5	26 59.34	2.3261	0.0024	34 51 23.0	11.998	0.267	85.1	50 512 520	*34 4065*
9466	8.9	20 27 2.05	+2.1906	+0.0023	+39 27 29.2	+12.001	+0.251	80.1	36 284	39 4223
9467	8.6	27 17.33	2.2302	0.0024	38 11 39.9	12.019	0.255	81.1	317 321 432 435	38 4135
9468	9.1	27 17.91	2.3076	0.0024	35 32 45.8	12.020	0.264	81.6	440 467	35 4158
9469	8.5	27 18.44	2.2672	0.0024	36 57 13.7	12.020	0.260	81.7	470 472	36 4113
9470	8.9	27 24.05	2.2839	0.0024	36 23 4.1	12.027	0.261	81.5	427 429	36 4114
9471	9.2	20 27 24.86	+2.2814	+0.0024	+36 28 30.7	+12.028	+0.261	81.6	437 442	36 4115
9472	8.9	27 30.78	2.2657	0.0024	37 1 20.4	12.035	0.259	81.6	456 458	36 4117
9473	8.7	27 34.86	2.2661	0.0024	37 0 55.5	12.040	0.259	81.6	452 454	36 4118
9474	9.0	27 39.33	2.1970	0.0024	39 18 35.7	12.045	0.251	80.7	307 311	39 4225
9475	8.7	27 41.67	2.3149	0.0024	35 19 18.1	12.048	0.264	80.7	294 305	35 4160
9476	8.7	20 27 43.78	+2.2140	+0.0024	+38 45 56.6	+12.050	+0.253	81.7	470 472	38 4137
9477	8.2	28 6.82	2.2127	0.0024	38 50 47.2	12.077	0.252	81.5	432 435	38 4138
9478	9.0	28 7.69	2.2142	0.0024	38 47 48.2	12.078	0.253	81.5	432 435	38 4139
9479	8.7	28 9.24	2.1878	0.0024	39 39 3.0	12.080	0.249	80.7	287 290	39 4227
9480	8.9	28 10.67	2.1858	0.0024	39 42 55.9	12.081	0.249	81.6	437 442	39 4229
9481	9.0	20 28 12.91	+2.1739	+0.0023	+40 5 46.4	+12.084	+0.248	93.0	529 540 700	40 4224
9482	9.0	28 17.57	2.3257	0.0024	34 59 9.9	12.089	0.265	85.1	50 512 520	34 4074
9483	8.8	28 23.03	2.1755	0.0023	40 3 38.2	12.096	0.248	83.0	5 Beob.[2]	39 4230
9484	9.3	28 23.19	2.2840	0.0024	36 28 12.9	12.096	0.261	81.5	427 429	36 4125
9485	8.7	28 26.07	2.3100	0.0024	35 33 46.8	12.099	0.263	81.6	440 467	35 4163
9486	8.9	20 28 28.91	+2.2161	+0.0024	+38 46 7.1	+12.103	+0.252	81.6	456 458	38 4141
9487	8.3	28 32.65	2.1955	0.0024	39 26 28.9	12.107	0.250	80.7	307 311	39 4232
9488	8.5	28 34.67	2.1821	0.0023	39 52 10.9	12.109	0.248	81.7	470 472	39 4234
9489	8.8	28 34.90	2.2167	0.0024	38 45 31.6	12.110	0.252	81.6	456 458	38 4142
9490	9.0	28 36.36	2.2110	0.0024	38 56 37.3	12.111	0.252	81.6	452 454	38 4144
9491	8.6	20 28 39.08	+2.1771	+0.0023	+40 2 7.1	+12.114	+0.248	80.7	317 321	39 4235
9492	9.0	28 40.73	2.3246	0.0024	35 3 43.2	12.116	0.265	85.4	299 513 522	34 4075
9493	8.2	28 43.03	2.1725	0.0023	40 11 13.1	12.119	0.247	80.1	36 284	40 4226
9494	4.8	29 2.46	2.3320	0.0025	34 49 25.8	12.142	0.265	85.4	299 513 522	*34 4079*
9495	7.9	29 3.10	2.2363	0.0025	38 9 23.0	12.142	0.254	81.5	427 429	38 4148
9496	8.4	20 29 4.02	+2.2287	+0.0025	+38 24 28.4	+12.143	+0.253	81.6	437 442	38 4149
9497	9.0	29 12.34	2.1951	0.0024	39 30 56.4	12.153	0.249	80.7	317 321	39 4238
9498	9.0	29 13.35	2.2738	0.0025	36 53 56.2	12.154	0.259	81.5	432 435	36 4130
9499	8.2	29 13.86	2.2336	0.0025	38 15 41.9	12.155	0.254	81.6	456 458	38 4150
9500	8.8	29 20.94	2.3305	0.0025	34 54 29.9	12.163	0.264	80.7	294 305	34 4082

[1] Z. 445 450δ 526 529 540 700 703   [2] Z. 36 284 317 321 703

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9501	8.9[1]	$20^h\ 29^m\ 21^s.71$	$+2^s.1760$	$+0^s.0024$	+40° 8' 10".5	+12".164	+0".247	80.7	287 290	40° 4233
9502	8.7	29 23.23	2.1905	0.0024	39 40 46.5	12.166	0.248	80.7	307 311	39 4239
9503	9.1	29 23.38	2.2860	0.0025	36 29 36.5	12.166	0.260	81.6	440 467	36 4132
9504	7.2	29 39.94	2.2597	0.0025	37 25 22.1	12.185	0.257	81.7	456 458 470 472	37 3978
9505	9.2	29 42.10	2.3272	0.0025	35 3 30.2	12.188	0.264	85.1	50 512 520	34 4085
9506	8.6	20 29 52.47	+2.1757	+0.0024	+40 11 38.9	+12.200	+0.247	80.1	36 284	40 4236
9507	9.1	29 52.86	2.2671	0.0025	37 11 53.0	12.200	0.257	81.5	432 435	37 3979
9508	9.3	29 53.39	2.2754	0.0025	36 54 20.8	12.201	0.258	81.5	427 429	36 4137
9509	9.1	29 57.81	2.3009	0.0025	36 1 12.4	12.206	0.261	84.2	5 Beob.[2]	35 4171
9510	9.0	30 2.36	2.2132	0.0025	39 0 29.7	12.211	0.251	81.6	437 442	38 4153
9511	9.0	20 30 12.12	+2.2476	+0.0025	+37 52 59.5	+12.222	+0.254	81.5	427 429	37 3982
9512	9.1	30 12.54	2.2326	0.0025	38 23 7.3	12.223	0.253	80.6	274 281	38 4155
9513	8.5	30 17.29	2.1999	0.0025	39 27 50.8	12.228	0.249	80.7	287 290	39 4244
9514	8.9	30 22.40	2.3105	0.0025	35 43 1.0	12.234	0.262	80.7	294 305	35 4173
9515	8.2	30 23.81	2.2908	0.0025	36 25 2.9	12.236	0.260	80.8	341 343	36 4139
9516	9.2	20 30 27.56	+2.3210	+0.0025	+35 21 1.1	+12.240	+0.263	81.6	440 467	35 4175
9517	8.9	30 39.86	2.2008	0.0025	39 28 14.8	12.254	0.249	79.6	37 38	39 4246
9518	7.9	30 51.66	2.3024	0.0025	36 3 1.3	12.268	0.261	84.2	5 Beob.[3]	35 4179
9519	9.2	30 54.35	2.3190	0.0025	35 27 51.3	12.271	0.262	85.4	299 513 522	35 4180
9520	9.1	30 58.12	2.2656	0.0025	37 20 53.8	12.275	0.256	80.6	278 286	37 3986
9521	9.0	20 31 10.32	+2.3016	+0.0026	+36 6 28.1	+12.289	+0.260	81.6	440 467	36 4143
9522	8.6	31 11.10	2.2873	0.0026	36 36 43.9	12.290	0.258	80.8	330 333	36 4144
9523	8.5	31 11.69	2.2706	0.0026	37 11 30.2	12.291	0.256	84.8	325 328 545	37 3988
9524	8.3	31 16.22	2.2511	0.0026	37 51 50.7	12.296	0.254	79.8	58 59	37 3990
9525	8.4	31 24.04	2.3168	0.0026	35 35 9.3	12.305	0.261	80.7	294 305	35 4184
9526	9.1	20 31 25.67	+2.2715	+0.0026	+37 11 4.4	+12.307	+0.256	84.8	325 328 545	37 3991
9527	9.0	31 32.60	2.2158	0.0026	39 3 50.7	12.315	0.250	79.7	43 46	38 4160
9528	8.7	31 33.46	2.2776	0.0026	36 59 4.6	12.316	0.257	80.8	341 343	36 4145
9529	8.3	31 45.90	2.2257	0.0026	38 45 40.4	12.330	0.251	80.5	274 281	38 4162
9530	9.0	31 47.08	2.3122	0.0026	35 47 14.0	12.332	0.261	84.2	5 Beob.[4]	35 4187
9531	8.8	20 31 47.41	+2.3238	+0.0026	+35 22 14.4	+12.332	+0.262	81.7	299 513	35 4188
9532	8.3	32 1.99	2.1869	0.0025	40 2 42.4	12.349	0.246	79.6	37 38	39 4252
9533	8.8	32 4.44	2.2293	0.0026	38 40 10.8	12.352	0.251	87.6	5 Beob.[5]	38 4163
9534	8.4	32 17.13	2.2759	0.0026	37 6 47.4	12.366	0.256	80.8	330 333	37 3997
9535	7.0	32 19.92	2.3035	0.0026	36 8 59.1	12.369	0.259	81.6	440 467	36 4150
9536	8.8	20 32 21.37	+2.3043	+0.0026	+36 7 16.6	+12.371	+0.259	81.6	437 442	36 4151
9537	8.3	32 22.63	2.2447	0.0026	38 11 9.0	12.373	0.252	80.6	278 286	38 4166
9538	9.5	32 23.50	2.3202	0.0026	35 33 21.3	12.374	0.261	80.7	294 305	35 4189
9539	8.4	32 28.04	2.3357	0.0026	35 0 4.5	12.379	0.263	85.1	50 512 520	34 4095
9540	8.7	32 30.89	2.2351	0.0026	38 31 9.3	12.382	0.251	80.6	278 286	38 4168
9541	8.8	20 32 36.91	+2.2098	+0.0026	+39 21 44.6	+12.389	+0.248	79.8	58 59	39 4253
9542	9.0	32 39.61	2.2557	0.0026	37 50 26.5	12.392	0.253	84.8	325 328 545	37 3999
9543	6.9	32 39.94	2.2609	0.0026	37 39 44.7	12.392	0.254	80.8	341 343	37 4000
9544	9.0	32 40.74	2.2716	0.0026	37 17 55.2	12.393	0.255	80.8	330 333	37 4001
9545	8.7	32 40.90	2.2828	0.0026	36 54 34.2	12.394	0.256	81.8	54 437 515 516	36 4154
9546	6.2	20 32 41.48	+2.2542	+0.0026	+37 53 39.1	+12.394	+0.253	87.2	12 Beob.[6]	37 4002
9547	8.7	32 44.52	2.2785	0.0026	37 3 56.0	12.398	0.256	81.6	456 458	37 4003
9548	8.6	32 44.76	2.2195	0.0026	39 3 30.7	12.398	0.249	80.5	274 281	38 4169
9549	9.5	32 47.45	2.3217	0.0026	35 32 21.8	12.401	0.261	80.7	294 305	35 4192
9550	7.9	32 49.07	2.2102	0.0026	39 22 13.1	12.403	0.248	79.7	43 46	39 4254

[1] Dpl. bor. seq. [2] Z. 54 514 515 516 524 [3] Z. 54 514 515 516 524 [4] Z. 54 514 515 516 524
[5] Z. 43 46 526 530 (dpl., com. $9^m.3$) 541 [6] Z. 537 549 705 709 710 711; M 33 34 199 201 211 212

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9551	9.0	$20^h\ 32^m\ 54^s.57$	+2s.2843	+0s.0026	+36° 52′ 38″.8	+12″.409	+0″.256	85.7	442 514 524	36° 4155
9552	7.4	32 54.59	2.2666	0.0026	37 29 31.0	12.409	0.254	81.6	456 458	37 4005
9553	9.0	33 4.22	2.2169	0.0026	39 10 36.5	12.420	0.249	79.8	58 59	39 4257
9554	9.1	33 4.91	2.1847	0.0026	40 12 56.1	12.421	0.245	79.6	37 38	40 4252
9555	9.4	33 5.58	2.3388	0.0027	34 56 46.4	12.422	0.262	83.9	5 Beob. [1]	34 4100
9556	8.4	20 33 20.54	+2.3325	+0.0027	+35 11 54.8	+12.439	+0.262	85.1	50 512 520	35 4197
9557	8.1	33 29.90	2.2501	0.0027	38 6 36.4	12.450	0.252	80.5	274 281	38 4171
9558	7.9	33 35.26	2.2205	0.0027	39 6 29.7	12.456	0.249	79.8	58 59	39 4260
9559	8.5	33 35.98	2.2161	0.0026	39 15 9.8	12.457	0.248	86.3	43 46 530 541	39 4261
9560	7.2[2]	33 57.09	2.2487	0.0027	38 12 7.5	12.481	0.251	92.3[3]	11 Beob. [4]	38 4172
9561	8.8	20 33 57.45	+2.2618	+0.0027	+37 45 25.0	+12.481	+0.253	83.8	286 325 328 545	37 4010
9562	9.1	34 1.26	2.1948	0.0026	39 59 10.7	12.486	0.245	79.6	37 38	39 4266
9563	9.4	34 27.89	2.3296	0.0027	35 24 38.4	12.516	0.260	82.8	514 515 516	35 4202
9564	8.6	34 34.54	2.2452	0.0027	38 22 49.2	12.523	0.250	80.5	274 281	38 4177
9565	8.8	34 47.59	2.2831	0.0027	37 6 5.1	12.538	0.254	80.8	330 333	37 4014
9566	8.6	20 34 47.74	+2.2256	+0.0027	+39 3 26.2	+12.538	+0.248	80.6	278 286	38 4178
9567	8.1	34 50.19	2.2591	0.0027	37 56 6.9	12.541	0.251	80.8	341 343	37 4016
9568	9.2	34 51.47	2.2997	0.0027	36 31 18.4	12.543	0.257	80.7	294 305	36 4170
9569	9.3	34 58.44	2.3418	0.0027	35 0 37.9	12.551	0.261	85.4	299 513 522	34 4109
9570	6.1	34 58.92	2.1930	0.0027	40 8 18.5	12.551	0.244	85.8	16 Beob. [5]	40 4266
9571	6.6	20 35 1.89	+2.3436	+0.0028	+34 56 52.7	+12.554	+0.261	85.1	50 512 520	34 4111
9572	8.6	35 4.49	2.1931	0.0027	40 8 42.2	12.558	0.245	79.6	37 38	40 4267
9573	8.4	35 12.96	2.2489	0.0048	38 19 0.9	12.567	0.250	84.8	325 328 545	38 4181
9574	9.2	35 29.22	2.1945	0.0027	40 8 23.4	12.586	0.244	84.1	43 46 537	40 4270
9575	9.2	35 37.55	2.2138	0.0027	39 31 39.4	12.595	0.246	79.8	58 59	39 4272
9576	8.5	20 35 38.09	+2.2496	+0.0028	+38 20 10.7	+12.596	+0.250	84.8	325 328 545	38 4183
9577	8.6	35 43.63	2.2461	0.0028	38 27 49.4	12.602	0.248	80.6	278 286	38 4184
9578	8.8	35 43.93	2.2117	0.0027	39 36 19.9	12.602	0.245	86.3	43 46 530 541	39 4273
9579	8.9	35 45.93	2.2595	0.0028	38 0 39.2	12.605	0.251	80.8	330 333	37 4021
9580	7.8	35 49.69	2.2901	0.0028	36 57 15.1	12.609	0.254	84.2	5 Beob. [6]	36 4179
9581	8.9	20 35 55.12	+2.3036	+0.0028	+36 29 3.3	+12.615	+0.256	80.7	294 305	36 4181
9582	9.0	36 6.20	2.1950	0.0028	40 11 5.3	12.628	0.243	79.6	37 38	40 4273
9583	8.8	36 6.30	2.2968	0.0028	36 44 41.3	12.628	0.254	80.8	341 343	36 4182
9584	8.9	36 9.12	2.2960	0.0028	36 46 38.3	12.631	0.254	80.8	341 343	36 4183
9585	8.7	36 10.51	2.3497	0.0028	34 49 51.5	12.632	0.261	85.4	299 513 522	*34 4117*
9586	8.3	20 36 13.87	+2.3015	+0.0028	+36 35 22.8	+12.636	+0.256	81.6	456 458	36 4185
9587	8.3	36 17.96	2.3475	0.0028	34 55 27.6	12.641	0.260	85.1	50 512 520	34 4118
9588	6.3	36 19.75	2.2427	0.0028	38 38 16.0	12.643	0.249	80.6	278 286	38 4187
9589	8.4	36 24.76	2.2056	0.0028	39 52 23.7	12.649	0.244	80.5	274 281	39 4277
9590	9.0	36 27.07	2.2552	0.0028	38 13 30.1	12.651	0.249	80.5	274 277	38 4188
9591	7.7	20 36 40.52	+2.3338	+0.0028	+35 28 3.7	+12.666	+0.259	84.6	445 448 467 705	35 4218
9592	8.3	36 41.35	2.3388	0.0028	35 17 9.4	12.667	0.259	80.7	294 305	35 4217
9593	8.3	36 42.75	2.2809	0.0028	37 21 55.2	12.669	0.252	80.8	330 333	37 4025
9594	7.3	36 47.18	2.3441	0.0028	35 5 55.5	12.674	0.260	92.8	530 541	35 4219
9595	8.9	36 47.37	2.3146	0.0028	36 10 38.5	12.674	0.256	87.6	437 712	36 4191
9596	9.2	20 36 48.42	+2.3009	+0.0028	+36 40 1.2	+12.675	+0.255	81.7	470 472	36 4192
9597	8.0	36 52.81	2.3109	0.0028	36 19 4.5	12.680	0.256	81.6	452 454	36 4194
9598	8.4	36 54.72	2.3150	0.0028	36 10 31.0	12.683	0.256	87.6	6 Beob. [7]	36 4195
9599	8.6	36 56.18	2.3039	0.0028	36 34 31.5	12.684	0.255	81.6	456 458	36 4196
9600	9.2	36 57.09	2.3352	0.0028	35 26 30.1	12.685	0.259	85.6	445 448 709	35 4220

[1] $8^m.7$ pr. 1^s $0^s.5$ B. [2] Z. 299 440 467 513 522 [3] E.B. $+0^s.014$ $-0''.19$ (Porter) [4] Z. 278 530 541 701 703 709 710 711 712 714 716 [5] Z. 58 59 456 458 537 549 705 709 710 711; M 192 195 199 201 211 212 [6] Z. 54 514 515 516 524 [7] Z. 442 470 472 549 714 716

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9601	8.3	20h 36m 57.70s	+2.2693s	+0.0028s	+37° 47′ 35.7″	+12.686″	+0.250″	88.0	5 Beob. [1]	37° 4026
9602	9.0	37 0.24	2.3174	0.0029	36 5 39.5	12.689	0.257	80.8	341 343	36 4197
9603	8.4	37 0.79	2.3391	0.0029	35 18 9.6	12.689	0.259	81.6	456 458	35 4221
9604	9.0	37 3.73	2.3231	0.0029	35 53 36.4	12.693	0.257	91.7	6 Beob. [2]	35 4222
9605	8.6	37 5.88	2.3188	0.0029	36 3 15.3	12.695	0.257	81.6	452 454	35 4223
9606	8.3	20 37 14.83	+2.2325	+0.0029	+39 4 18.0	+12.705	+0.246	84.1	43 46 533	39 4280
9607	9.1	37 16.41	2.3483	0.0029	34 59 27.2	12.707	0.260	85.4	299 513 522	34 4125
9608	9.2	37 17.73	2.2637	0.0029	38 1 1.0	12.708	0.250	80.6	278[3] 286	37 4028
9609	8.7	37 23.38	2.3294	0.0029	35 41 49.0	12.715	0.258	87.2	440 467 530 541	35 4224
9610	9.2	37 24.54	2.2109	0.0029	39 47 54.4	12.716	0.244	79.8	58 59	39 4283
9611	9.0	20 37 27.09	+2.3391	+0.0029	+35 20 55.7	+12.719	+0.259	90.0	7 Beob. [4]	35 4225
9612	7.2	37 28.69	2.3483	0.0029	35 0 33.2	12.721	0.260	84.2	5 Beob. [5]	34 4127
9613	9.0	37 34.24	2.1981	0.0029	40 14 0.0	12.727	0.243	79.6	37 38	40 4284
9614	8.8	37 41.97	2.2599	0.0029	38 11 20.7	12.736	0.249	79.8	58 59	38 4197
9615	9.4	37 50.08	2.3430	0.0029	35 14 27.6	12.745	0.259	81.6	437 442	35 4228
9616	8.4	20 37 50.42	+2.3242	+0.0029	+35 55 59.5	+12.745	+0.256	83.8	6 Beob. [6]	35 4229
9617	8.4	38 12.10	2.3419	0.0029	35 18 54.0	12.770	0.258	81.1	341 343 440	35 4231
9618	8.9	38 14.07	2.2503	0.0029	38 34 19.9	12.772	0.247	84.1	43 46 533	38 4200
9619	8.1	38 24.79	2.3431	0.0029	35 17 33.2	12.784	0.258	89.1	467 530 541	35 4232
9620	7.4	38 30.56	2.3475	0.0029	35 8 18.1	12.790	0.258	85.4	299 513 522	35 4234
9621	8.5	20 38 35.63	+2.2030	+0.0029	+40 10 45.8	+12.796	+0.242	79.6	37 38	40 4290
9622	8.9	38 41.35	2.3479	0.0029	35 8 35.4	12.803	0.258	80.7	294 305	35 4237
9623	8.7	38 44.70	2.2561	0.0029	38 25 28.4	12.806	0.247	80.6	274 281	38 4205
9624	9.5	38 49.23	2.3224	0.0029	36 5 36.7	12.811	0.255	80.8	330 333	— —
9625	8.8	38 53.47	2.2970	0.0029	37 0 42.4	12.816	0.252	81.6	440 467	36 4209
9626	8.2	20 38 53.68	+2.3533	+0.0029	+34 57 35.4	+12.816	+0.259	90.3	512 520 530 541	34 4136
9627	9.5	38 56.82	2.3232	0.0029	36 4 38.4	12.820	0.255	93.5	537 712 714 716	36 4210
9628	7.9	39 0.42	2.2115	0.0029	39 56 35.0	12.824	0.243	79.6	37 38	39 4293
9629	8.6	39 5.83	2.3141	0.0030	36 25 12.4	12.830	0.254	81.6	437 442	36 4211
9630	7.7	39 10.06	2.2401	0.0030	39 0 33.8	12.835	0.245	80.6	278 286	38 4208
9631	8.6	20 39 10.21	+2.2293	+0.0030	+39 22 22.0	+12.835	+0.244	87.6	5 Beob. [7]	39 4295
9632	8.7	39 14.76	2.2096	0.0030	40 1 41.6	12.840	0.242	79.8	58 59	39 4296
9633	9.0	39 17.87	2.2976	0.0030	37 1 57.1	12.843	0.251	80.8	341 343	36 4212
9634	8.8	39 19.12	2.3510	0.0030	35 5 9.0	12.845	0.258	84.2	5 Beob. [8]	35 4240
9635	8.9	39 20.24	2.3489	0.0030	35 10 2.4	12.846	0.258	85.1	512 520 M 35	35 4241
9636	8.4	20 39 21.32	+2.3080	+0.0030	+36 39 58.3	+12.847	+0.253	80.8	330 333	36 4214
9637	7.6	39 31.28	2.3196	0.0030	36 15 43.5	12.859	0.254	81.6	440 467	36 4215
9638	7.9	39 44.31	2.2333	0.0030	39 17 47.1	12.873	0.244	84.1	43 46 533	39 4298
9639	9.2	39 46.61	2.2745	0.0030	37 53 31.5	12.876	0.249	80.6	278 286	37 4038
9640	9.5	39 56.78	2.3259	0.0030	36 4 37.8	12.887	0.255	80.7	294 305	36 4218
9641	9.0	20 39 58.37	+2.2941	+0.0030	+37 13 26.5	+12.889	+0.250	80.8	325 328	37 4041
9642	8.3	40 7.28	2.3039	0.0030	36 53 17.1	12.899	0.251	80.8	330 333	36 4219
9643	8.8	40 7.72	2.2821	0.0030	37 39 48.1	12.899	0.249	86.8	325 328 530 545	37 4043
9644	8.6	40 21.23	2.2153	0.0030	39 57 28.4	12.914	0.242	84.1	37 38 549	39 4302
9645	8.5	40 24.61	2.3031	0.0030	36 56 55.3	12.918	0.251	81.6	440 467	36 4221
9646	9.2	20 40 28.63	+2.3373	+0.0030	+35 42 35.8	+12.923	+0.256	85.4	299 513 522	35 4252
9647	9.0	40 28.87	2.3280	0.0030	36 3 9.1	12.923	0.255	84.2	5 Beob. [9]	35 4251
9648	9.0	40 29.24	2.2150	0.0030	39 58 44.3	12.923	0.242	84.1	58 59 537	39 4303
9649	9.1	40 31.33	2.2561	0.0030	38 36 10.3	12.926	0.246	80.6	274 281	38 4219
9650	8.9	40 37.71	2.2609	0.0030	38 27 3.2	12.933	0.246	80.6	274 281	38 4221

[1] Z. 325 328 537 545 549 [2] Z. 437 705 709 712 714 716 [3] Dpl. 1″ [4] Z. 294 305 705 709 712 714 716
[5] Z. 54 514 515 516 524 [6] Z. 54 442 514 515 516 524 [7] Z. 43 46 533 537 549 [8] Z. 54 514 515 516 524
[9] Z. 54 514 515 516 524

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9651	9.1[1]	$20^h\,40^m\,51^s.87$	$+2^s.3217$	$+0^s.0030$	+36° 19′ 23″.5	+12″.948	+0″.253	80.8	330 333	36° 4224
9652	8.9	40 53.14	2.2369	0.0031	39 17 34.6	12.950	0.244	84.1	43 46 533	39 4306
9653	8.8	40 58.09	2.2172	0.0031	39 57 33.0	12.955	0.241	79.7	37 38	39 4308
9654	8.6	41 18.68	2.2654	0.0031	38 22 3.7	12.978	0.246	79.8	58 59	38 4227
9655	9.0	41 49.93	2.3554	0.0031	35 10 23.5	13.013	0.256	85.1	50 512 520	35 4261
9656	8.6	20 41 54.33	+2.3413	+0.0031	+35 42 17.6	+13.018	+0.254	85.4	299 513 522	35 4262
9657	8.9	41 56.08	2.3056	0.0031	37 0 43.4	13.020	0.250	80.7	294 305	36 4233
9658	8.3	41 57.98	2.2410	0.0031	39 16 8.3	13.022	0.243	79.7	37 38	39 4314
9659	8.9	42 7.41	2.3178	0.0031	36 35 23.8	13.032	0.251	81.6	440 467	36 4234
9660	9.0	42 8.47	2.2936	0.0031	37 27 46.8	13.034	0.248	80.6	278 286	37 4052
9661	8.9	20 42 15.77	+2.3545	+0.0031	+35 15 1.7	+13.042	+0.256	84.2	5 Beob.[2]	35 4265
9662	9.1	42 21.41	2.3218	0.0031	36 28 17.1	13.048	0.251	80.8	330 333	36 4238
9663	8.9	42 31.91	2.3074	0.0032	37 0 30.0	13.059	0.249	81.6	440 467	36 4242
9664	**4.6**	**42 32.42**	**2.3342**	**0.0031**	**36 1 55.7**	**13.060**	**0.253**		**Fund. Cat.**	**35 4267**
9665	8.3	42 34.77	2.3400	0.0032	35 49 18.1	13.063	0.254	80.7	294 305	35 4268
9666	8.3	20 42 39.33	+2.3453	+0.0032	+35 37 56.5	+13.068	+0.254	84.2	5 Beob.[3]	35 4270
9667	9.1	42 40.19	2.2699	0.0032	38 21 4.0	13.069	0.245	86.3	58 59 530 541	38 4234
9668	8.9	43 13.42	2.3168	0.0032	36 44 26.8	13.105	0.250	80.8	330 333	36 4249
9669	7.0	43 17.24	2.2580	0.0032	38 49 38.4	13.110	0.244	79.8	58 59	38 4235
9670	8.8	43 22.82	2.2274	0.0032	39 52 18.8	13.116	0.240	79.7	37 38	39 4322
9671	8.9	20 43 24.79	+2.2403	+0.0032	+39 26 36.7	+13.118	+0.242	87.8	5 Beob.[4]	39 4323
9672	9.1	43 30.20	2.3652	0.0032	34 58 18.0	13.124	0.255	85.4	299 513 522	34 4161
9673	8.3	43 32.73	2.3262	0.0032	36 25 57.5	13.127	0.251	80.8	341 343	36 4253
9674	8.9	43 34.73	2.3283	0.0032	36 21 28.5	13.129	0.251	80.8	341 343	36 4254
9675	9.0	43 41.53	2.3530	0.0032	35 26 58.0	13.136	0.254	85.1	50 512 520	35 4272
9676	8.4	20 43 48.04	+2.3441	+0.0032	+35 47 40.2	+13.144	+0.253	84.2	5 Beob.[5]	35 4273
9677	8.8	43 51.81	2.3600	0.0032	35 12 13.9	13.148	0.254	80.7	294 305	35 4275
9678	8.8	43 54.98	2.2832	0.0032	38 1 5.8	13.151	0.245	80.6	278 286	37 4063
9679	9.1	44 2.40	2.3701	0.0032	34 50 6.7	13.159	0.255	85.4	299 513 522	*34 4167*
9680	8.5	44 3.81	2.3479	0.0032	35 40 54.8	13.161	0.253	81.6	440 467	35 4280
9681	9.1	20 44 5.12	+2.3282	+0.0032	+36 24 52.8	+13.162	+0.251	81.7	470 472	36 4256
9682	9.2	44 8.44	2.3434	0.0033	35 51 18.5	13.166	0.253	92.8	530 541	35 4281
9683	7.6	44 16.14	2.2733	0.0033	38 24 9.0	13.175	0.244	80.5	274 281	38 4239
9684	6.4	44 16.24	2.3638	0.0032	35 6 6.3	13.175	0.254	81.6	440 467	35 4282
9685	8.4	44 19.34	2.3112	0.0033	37 3 38.3	13.178	0.248	80.8	330 333	36 4258
9686	8.0[6]	20 44 19.46	+2.2465	+0.0033	+39 19 44.2	+13.178	+0.241	84.1	43 46 533	39 4331
9687	8.9	44 21.81	2.2209	0.0033	40 11 38.9	13.181	0.239	79.7	37 38	40 4327
9688	8.9	44 24.92	2.3375	0.0033	36 6 15.4	13.184	0.252	81.6	452 454	36 4260
9689	8.0	44 26.43	2.2616	0.0033	38 49 34.4	13.186	0.243	79.8	58 59	38 4240
9690	8.6	44 27.46	2.2981	0.0033	37 32 35.9	13.187	0.247	80.6	278 286	37 4066
9691	8.8	20 44 42.32	+2.3302	+0.0033	+36 24 17.5	+13.203	+0.250	80.7	294 305	36 4263
9692	8.7	44 57.55	2.3632	0.0033	35 11 44.4	13.220	0.253	85.1	50 512 520	35 4285
9693	8.2[7]	45 1.71	2.2845	0.0033	38 5 19.1	13.225	0.245	84.1	43 46 533	38 4244
9694	8.5	45 3.87	2.3457	0.0033	35 51 54.9	13.227	0.252	85.3	514 515 516 524	35 4286
9695	7.7	45 16.60	2.2422	0.0033	39 34 41.2	13.241	0.240	79.7	37 38	39 4336
9696	9.1	20 45 23.70	+2.3246	+0.0033	+36 40 55.7	+13.249	+0.249	80.8	330 333	36 4268
9697	8.7	45 39.43	2.3275	0.0033	36 36 14.5	13.266	0.249	80.8	341 343	36 4272
9698	8.9	45 46.68	2.3420	0.0033	36 4 43.4	13.274	0.251	81.7	470 472	36 4273
9699	8.4	45 57.66	2.3591	0.0034	35 27 21.1	13.286	0.252	87.3	299 513 522 524	35 4291
9700	8.7	45 57.73	2.3388	0.0034	36 13 0.5	13.286	0.250	81.6	452 454	36 4275

[1] Dpl. [2] Z. 54 514 515 516 524 [3] Z. 54 514 515 516 524 [4] Z. 43 46 530 533 541
[5] Z. 54 514 515 516 524 [6] $9^m.5$ 5″ [7] $9^m.5$ pr. 2^s 0′.5 B.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9701	8.8	20^h 46^m $0^s.52$	$+2^s.3598$	$+0^s.0034$	+35° 26′ 0″.4	+13″.289	+0″.252	82.1	54 514 515 516	35° 4293
9702	9.1	46 2.85	2.3342	0.0034	36 23 49.3	13.291	0.249	81.7	470 472	36 4276
9703	8.9	46 10.87	2.2630	0.0034	38 57 46.2	13.300	0.241	79.7	37 38	38 4249
9704	9.4	46 12.22	2.3540	0.0034	35 40 21.5	13.302	0.251	80.7	294 305	35 4295
9705	9.2	46 15.96	2.3633	0.0034	35 19 29.7	13.306	0.252	81.6	440 467	35 4296
9706	8.5	20 46 30.89	+2.3314	+0.0034	+36 32 59.5	+13.322	+0.248	81.6	452 454	36 4282
9707	8.8	46 38.39	2.3245	0.0034	36 49 6.7	13.330	0.248	87.2	440 467 530 541	36 4283
9708	8.5	46 41.63	2.2582	0.0034	39 11 5.2	13.334	0.240	84.1	43 46 533	39 4346
9709	7.7	46 42.52	2.3054	0.0034	37 31 16.3	13.335	0.245	79.8	58 59	37 4076
9710	9.0	46 42.88	2.2487	0.0034	39 30 48.0	13.335	0.239	79.7	37 38	39 4347
9711	8.0	20 46 44.26	+2.2659	+0.0034	+38 55 29.1	+13.337	+0.241	80.6	274 281	38 4254
9712	8.8	46 52.68	2.3446	0.0034	36 5 55.2	13.346	0.250	80.7	294 305	36 4285
9713	8.4	46 55.70	2.2663	0.0034	38 55 50.6	13.349	0.241	80.6	274 281	38 4255
9714	9.1	47 2.32	2.3780	0.0034	34 50 28.0	13.356	0.253	85.1	50 512 520	*34 4183*
9715	8.8	47 9.27	2.3137	0.0034	37 16 10.4	13.364	0.246	83.8	325 328 343 545	37 4079
9716	8.2	20 47 18.46	+2.3678	+0.0034	+35 15 53.5	+13.374	+0.252	84.8	299 515 516 522	35 4302
9717	7.9	47 18.51	2.2952	0.0034	37 57 7.4	13.374	0.244	80.8	330 333	37 4081
9718	8.7	47 19.56	2.3202	0.0034	37 2 58.7	13.375	0.247	88.2	5 Beob. [1]	36 4289
9719	9.0	47 20.04	2.2907	0.0034	38 7 4.2	13.376	0.243	80.6	278 286	38 4256
9720	9.2	47 21.11	2.3128	0.0034	37 19 17.6	13.377	0.246	86.8	341 537	37 4082
9721	8.9	20 47 24.47	+2.2818	+0.0034	+38 26 27.6	+13.380	+0.242	80.6	274 281	38 4257
9722	9.0	47 26.75	2.2513	0.0034	39 30 17.5	13.383	0.239	79.8	58 59	39 4350
9723	9.2	47 28.04	2.3097	0.0034	37 26 51.9	13.384	0.245	80.8	330 343	37 4084
9724	7.5	47 30.70	2.2652	0.0035	39 1 51.8	13.387	0.240	79.8	58 59	38 4258
9725	8.5	47 44.00	2.3378	0.0035	36 26 31.2	13.402	0.248	80.7	294 305	36 4292
9726	9.0	20 47 48.97	+2.3105	+0.0035	+37 27 26.9	+13.407	+0.245	81.2	333 341 440 467	37 4086
9727	8.5	47 56.36	2.3799	0.0034	34 51 56.9	13.415	0.252	85.1	50 512 520	*34 4195*
9728	8.4	47 57.00	2.2865	0.0035	38 20 4.9	13.416	0.242	84.1	43 46 533	38 4260
9729	8.3	48 7.36	2.3127	0.0035	37 24 37.5	13.427	0.245	80.6	278 286	37 4088
9730	8.9	48 25.38	2.3188	0.0035	37 13 16.7	13.446	0.245	84.8	325 328 545	37 4089
9731	8.8	20 48 31.36	+2.3613	+0.0035	+35 38 31.3	+13.453	+0.250	85.4	299 515 530	[35 4309]
9732	8.8	48 32.51	2.2445	0.0035	39 51 25.2	13.454	0.237	79.7	37 38	39 4354
9733	8.4	48 36.73	2.2734	0.0035	38 52 6.3	13.459	0.241	86.3	58 59 537 549	38 4263
9734	8.6	48 42.32	2.3624	0.0035	35 37 4.9	13.465	0.250	89.5	516 522 541	35 4310
9735	8.0	48 46.89	2.3616	0.0035	35 39 36.3	13.470	0.250	85.1	54 514 524	35 4311
9736	8.9	20 48 49.68	+2.3236	+0.0035	+37 5 11.7	+13.473	+0.245	84.8	325 328 545	37 4091
9737	8.5	48 56.15	2.3287	0.0035	36 54 45.2	13.480	0.246	80.7	294 305	36 4305
9738	9.1	49 4.43	2.2359	0.0035	40 12 31.1	13.489	0.236	79.7	37 38	40 4347
9739	8.3	49 5.16	2.3094	0.0035	37 38 4.3	13.489	0.244	90.0	7 Beob. [2]	37 4096
9740	8.8	49 6.95	2.3423	0.0035	36 25 24.6	13.491	0.248	87.2	440 467 530 541	36 4307
9741	8.8	20 49 23.31	+2.2363	+0.0036	+40 13 56.9	+13.509	+0.236	86.3	43 46 533 537	40 4348
9742	8.7	49 24.83	2.3415	0.0036	36 29 16.6	13.511	0.247	80.8	330 333	36 4310
9743	8.8	49 25.89	2.2993	0.0036	38 2 22.4	13.512	0.242	80.6	278 286	37 4100
9744	6.8[3]	49 42.16	2.2374	0.0036	40 13 41.0	13.529	0.235	84.1	37 38 549	40 4354
9745	8.9	49 44.30	2.3064	0.0036	37 48 56.2	13.532	0.243	80.6	274 281	37 4101
9746	7.8[4]	20 49 49.21	+2.3397	+0.0036	+36 35 54.5	+13.537	+0.246	85.1	54 514 524	36 4314
9747	9.0	50 0.41	2.3480	0.0036	36 18 29.5	13.549	0.247	81.1	294 305 440 467	36 4317
9748	8.1	50 19.89	2.2825	0.0036	38 44 25.2	13.570	0.240	86.3	43 46 533 537	38 4277
9749	9.1	50 32.94	2.2839	0.0036	38 42 46.0	13.584	0.239	84.2	58 59 549	38 4279
9750	8.8	50 33.13	2.3730	0.0036	35 24 46.3	13.584	0.249	85.1	50 512 520	35 4321

[1] Z. 54 514 524 530 541 [2] Z. 274 281 705 709($7^m.5$) 712 714($9^m.2$) 716 [3] Z. 549 [$8^m.0$]
[4] 6.8 8.2 8.3; BD 6.5

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9751	7.1	20h 50m 41s.26	+2s.2526	+0s.0036	+39° 49′ 23″.3	+13″.593	+0″.236	87.9	5 Beob. [1]	39° 4368
9752	9.5	50 44.17	2.3791	0.0036	35 11 34.5	13.596	0.249	88.1	6 Beob. [2]	35 4322
9753	9.1	50 48.61	2.3056	0.0037	37 58 1.0	13.601	0.242	88.8	286 530 541	37 4108
9754	7.9	50 49.94	2.2929	0.0037	38 25 31.4	13.602	0.241	80.5	274 281	38 4282
9755	9.1	50 52.32	2.3245	0.0037	37 16 44.3	13.605	0.244	89.9	325 537 545 549	37 4109
9756	8.9	20 50 52.97	+2.3547	+0.0037	+36 9 0.1	+13.605	+0.247	80.8	305 330 333	36 4324
9757	9.3	50 53.59	2.2585	0.0037	39 38 34.5	13.606	0.236	79.7	37 38	39 4370
9758	8.3	50 54.20	2.2728	0.0037	39 8 43.6	13.607	0.238	79.8	58 59	39 4371
9759	9.4	51 0.72	2.3799	0.0036	35 11 34.3	13.614	0.249	84.4	54 294 541	35 4324
9760	9.3	51 4.53	2.3776	0.0036	35 17 24.6	13.618	0.249	84.8	299 515 516 522	35 4326
9761	8.8	20 51 15.56	+2.3817	+0.0036	+35 9 4.1	+13.630	+0.249	81.6	440 467	35 4330
9762	9.0	51 27.63	2.3528	0.0037	36 17 4.6	13.642	0.246	81.7	470 472	36 4326
9763	7.2	51 28.16	2.3629	0.0037	35 53 56.4	13.643	0.247	80.7	294 305	35 4332
9764	8.7	51 28.68	2.3341	0.0037	36 59 24.4	13.644	0.244	80.8	341 343	36 4327
9765	8.7	51 32.32	2.2821	0.0037	38 53 15.0	13.647	0.238	80.5	274 281	38 4289
9766	9.0	20 51 36.19	+2.2452	+0.0037	+40 10 44.1	+13.652	+0.234	79.7	37 38	40 4362
9767	8.1	51 40.48	2.3178	0.0037	37 36 41.3	13.656	0.242	84.8	325 328 545	37 4111
9768	8.7	51 48.42	2.3795	0.0036	35 17 40.1	13.665	0.248	88.6	5 Beob. [3]	35 4334
9769	8.9	51 50.02	2.3379	0.0037	36 53 13.2	13.666	0.244	81.6	440 467	36 4330
9770	9.1	51 51.38	2.3439	0.0037	36 39 52.5	13.668	0.245	80.8	341 343	36 4331
9771	8.7	20 51 57.68	+2.3091	+0.0037	+37 58 7.0	+13.675	+0.241	91.6	6 Beob. [4]	37 4112
9772	9.2	52 1.57	2.2967	0.0037	38 25 22.2	13.679	0.239	87.6	5 Beob. [5]	38 4293
9773	8.8	52 6.24	2.3335	0.0037	37 4 57.8	13.684	0.243	80.8	330 333	37 4115
9774	9.1	52 10.81	2.3479	0.0037	36 33 1.6	13.688	0.245	81.7	470 472	36 4332
9775	8.5	52 13.42	2.3288	0.0037	37 16 16.3	13.691	0.242	80.8	330 333	37 4117
9776	6.2	20 52 13.71	+2.3925	+0.0036	+34 49 50.2	+13.692	+0.249	85.1	50 512 520	*34 4213*
9777	9.0	52 19.65	2.3897	0.0036	34 57 13.9	13.698	0.248	84.8	299 515 516 522	34 4215
9778	9.4	52 22.81	2.3614	0.0037	36 3 36.0	13.701	0.246	86.3	294 305 530 541	35 4336
9779	8.6	52 32.06	2.3456	0.0038	36 40 41.3	13.711	0.244	81.6	452 454	36 4335
9780	9.0	52 37.79[6]	2.2627	0.0038	39 41 46.0	13.717	0.235	90.9 91.4	6 Beob. [6]	39 4379
9781	9.0	20 52 49.89	+2.2672	+0.0038	+39 33 44.2	+13.730	+0.235	80.5	274 281	39 4381
9782	7.4	52 50.45	2.2781	0.0038	39 10 50.9	13.731	0.236	87.9	5 Beob. [7]	39 4382
9783	9.5	52 51.91	2.3598	0.0038	36 10 30.3	13.732	0.245	81.6	440 467	36 4339
9784	8.8	52 55.35	2.3933	0.0037	34 52 39.6	13.736	0.248	85.1	50 512 520	*34 4216*
9785	8.8	52 57.34	2.2759	0.0038	39 16 9.4	13.738	0.236	80.6	278 286	39 4383
9786	8.6	20 52 57.37	+2.2770	+0.0038	+39 13 51.0	+13.738	+0.236	80.6	278 286	39 4384
9787	8.1	53 0.61	2.2657	0.0038	39 38 4.5	13.741	0.235	79.8	58 59	39 4385
9788	9.0	53 1.84	2.3407	0.0038	36 55 7.4	13.743	0.243	90.5	343 705 709 716	36 4340
9789	8.2	53 12.84	2.2619	0.0038	39 47 25.4	13.754	0.234	88.0	5 Beob. [8]	39 4386
9790	8.6	53 16.48	2.3526	0.0038	36 29 37.2	13.758	0.244	81.7	470 472	36 4342
9791	9.1	20 53 22.51	+2.2495	+0.0038	+40 14 7.6	+13.765	+0.233	79.7	37 38	40 4370
9792	8.9	53 37.38	2.3722	0.0038	35 46 58.1	13.780	0.245	89.3	6 Beob. [9]	35 4342
9793	8.4	53 39.63	2.2860	0.0039	38 59 38.7	13.783	0.236	84.8	325 328 545	38 4301
9794	8.5	53 44.67	2.3524	0.0038	36 33 39.1	13.788	0.243	81.6	452 454	36 4345
9795	8.8	53 47.11	2.3541	0.0038	36 29 47.9	13.791	0.243	81.7	470 472	36 4348
9796	8.2	20 53 48.25	+2.3230	+0.0038	+37 39 56.7	+13.792	+0.240	80.8	330 333	37 4128
9797	7.3	53 49.36	2.2517	0.0039	40 12 52.7	13.793	0.233	79.7	37 38	40 4374
9798	8.6	53 49.62	2.3921	0.0037	35 1 27.1	13.793	0.247	84.8	299 515 516 522	34 4222
9799	9.0	53 53.49	2.3137	0.0039	38 1 4.7	13.798	0.239	80.8	341 343	37 4130
9800	8.4	54 4.08	2.2581	0.0039	40 1 14.9	13.809	0.233	84.1	43 46 533	39 4389

[1] Z. 43 46 533 705 709 [2] Z. 514 515 516 524 712 716 [3] Z. 54 514 524 705 709
[4] Z. 286 705 709 712 714 716 [5] Z. 43 46 533 537 549 [6] Z. 59 710 711 712 714 [38s.21] 716
[7] Z. 43 46 533 710 711 [8] Z. 325 328 537 545 549 [9] Z. 54 514 530 541 712 716

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9801	8.7	20h 54m 8s.92	+2s.2764	+0s.0039	+39° 23′ 31″.5	+13″.814	+0″.235	79.8	58 59	39° 4391
9802	8.7	54 11.87	2.3919	0.0038	35 4 21.0	13.817	0.247	85.3	440 467 524	34 4226
9803	8.0	54 22.47	2.3307	0.0039	37 26 43.2	13.828	0.240	84.8	325 328 545	37 4131
9804	8.8	54 22.92	2.3945	0.0038	34 59 22.7	13.829	0.247	84.0	5 Beob. [1]	34 4229
9805	8.2	54 25.44	2.3621	0.0039	36 15 43.2	13.831	0.244	86.8	330 333 530 541	36 4355
9806	8.0	20 54 26.53	+2.3704	+0.0039	+35 56 35.8	+13.832	+0.245	80.7	294 305	35 4344
9807	8.3	54 27.49	2.2722	0.0039	39 34 28.2	13.834	0.234	80.6	274 281	39 4394
9808	9.1	54 50.41	2.3336	0.0039	37 23 19.5	13.858	0.240	86.7	278 286 537 549	37 4133
9809	6.9	54 54.00	2.3082	0.0039	38 20 11.2	13.861	0.238	90.1	8 Beob. [2]	38 4306
9810	9.1	55 8.07	2.3719	0.0039	35 57 47.2	13.876	0.244	81.6	440 467	35 4348
9811	8.8	20 55 8.83	+2.3882	+0.0038	+35 19 32.5	+13.877	+0.244	85.1	54 514 524	35 4347
9812	6.9	55 9.13	2.2691	0.0040	39 45 55.9	13.877	0.233	91.0[3]	11 Beob. [4]	39 4400
9813	7.5	55 18.50	2.3592	0.0039	36 28 33.5	13.887	0.242	86.8	341 343 530 541	36 4365
9814	9.1	55 25.86	2.3149	0.0040	38 9 16.9	13.895	0.238	79.8	58 59	38 4309
9815	9.1	55 31.55	2.4010	0.0038	34 51 35.4	13.901	0.246	85.1	50 512 520	*34 4237*
9816	9.5	20 55 40.08	+2.3768	+0.0039	+35 49 58.0	+13.910	+0.244	86.7	294 537	35 4351
9817	8.2	55 44.42	2.2688	0.0040	39 50 38.4	13.915	0.232	79.8	58 59	39 4403
9818	8.5	55 46.32	2.4011	0.0038	34 52 59.9	13.917	0.246	84.8	299 515 516 522	*34 4238*
9819	9.0	55 57.73	2.2595	0.0040	40 11 50.4	13.929	0.231	79.7	37 38	40 4382
9820	8.5	56 0.08	2.3432	0.0040	37 9 51.0	13.931	0.240	84.8	325 328 545	37 4141
9821	8.0	20 56 1.19	+2.3509	+0.0040	+36 52 31.3	+13.932	+0.241	81.7	470 472	36 4366
9822	9.1	56 1.76	2.2660	0.0040	39 58 43.0	13.933	0.232	87.6	5 Beob. [5]	39 4405
9823	9.2	56 7.70	2.3478	0.0040	37 0 19.4	13.939	0.240	80.8	330 333	36 4368
9824	9.1	56 8.71	2.2847	0.0040	39 19 51.7	13.940	0.234	80.6	274 281	39 4407
9825	8.1	56 12.59	2.2803	0.0040	39 29 44.6	13.944	0.233	80.6	278 286	39 4408
9826	6.1	20 56 14.35	+2.3860	+0.0039	+35 32 11.8	+13.946	+0.244	81.6	440 467	35 4357
9827	8.6	56 18.24	2.3858	0.0039	35 33 5.3	13.950	0.244	81.6	440 467	35 4358
9828	9.0	56 21.92	2.3629	0.0040	36 27 10.2	13.954	0.241	80.8	341 343	36 4370
9829	8.3	56 30.32	2.3830	0.0040	35 41 8.6	13.963	0.243	80.7	294 305	35 4361
9830	9.1	56 39.98	2.3114	0.0041	38 25 31.2	13.973	0.235	80.6	278 286	38 4316
9831	6.8	20 56 42.22	+2.2640	+0.0041	+40 7 39.5	+13.975	+0.231	79.7	37 38	40 4389
9832	9.0	56 48.08	2.3757	0.0040	36 0 21.9	13.981	0.243	84.2	5 Beob. [6]	35 4364
9833	8.5[7]	56 53.05	2.2740	0.0041	39 48 0.1	13.986	0.232	88.8	281 530 541	39 4410
9834	7.7	57 1.61	2.3712	0.0040	36 12 33.8	13.995	0.242	80.8	330 333	36 4375
9835	7.8[8]	57 1.96	2.3032	0.0041	38 46 13.2	13.996	0.235	79.8	58 59	38 4318
9836	8.4	20 57 4.87	+2.3644	+0.0040	+36 28 43.4	+13.999	+0.241	81.3	341 343 440 467	36 4376
9837	7.8	57 10.26	2.2744	0.0041	39 49 10.9	14.004	0.231	83.2	43 46 274 533	39 4413
9838	8.7	57 29.05	2.3477	0.0040	37 10 8.6	14.024	0.239	84.8	325 328 545[9]	37 4153
9839	8.5	57 31.35	2.4068	0.0039	34 51 8.2	14.026	0.244	85.1	50 512 520	*34 4248*
9840	6.8[10]	57 33.38	2.2981	0.0041	39 1 1.0	14.029	0.234	80.7	278 286	38 4321
9841	8.9	20 57 42.06	+2.3900	+0.0040	+35 32 52.2	+14.038	+0.243	85.4	299 513 522	35 4368
9842	9.1	57 52.77	2.3943	0.0040	35 23 53.9	14.049	0.243	84.2	5 Beob. [11]	35 4369
9843	7.7	57 54.66	2.3623	0.0041	36 39 25.1	14.051	0.240	80.8	341 343	36 4379
9844	8.5	57 59.31	2.3251	0.0042	38 4 42.5	14.056	0.236	80.5	274 281	38 4323
9845	8.9	58 2.94	2.3434	0.0041	37 23 46.1	14.059	0.238	84.8	325 328 545	37 4156
9846	6.2	20 58 13.94	+2.3236	+0.0042	+38 9 50.0	+14.071	+0.236	88.3	7 Beob. [12]	38 4325
9847	8.3	58 14.56	2.3738	0.0041	36 15 2.8	14.071	0.241	80.8	330 333	36 4382
9848	8.6	58 20.98	2.2874	0.0042	39 29 53.3	14.078	0.232	86.2	37 38 530 541	39 4418
9849	8.7	58 24.57[13]	2.2762	0.0042	39 54 8.3	14.081	0.230	91.4 89.9	8 Beob. [13]	39 4420
9850	8.5	58 25.00	2.3376	0.0042	37 39 31.2	14.082	0.237	80.6	278 286	37 4159

[1] Z. 294 299 515 516 522 [2] Z. 43 46 533 705 709 712 714 716 [3] E.B. +0s.021+0″.22 (Porter)
[4] Z. 37 38 537 549 705 709 710 711 712 714 716 [5] Z. 43 46 530 533 541 [6] Z. 54 514 515 516 524
[7] 8.3 9.0 8.3; BD 9.1 [8] Dpl. 1″ [9] Dpl. 7″ [10] Dpl. seq. [11] Z. 54 514 515 516 524
[12] Z. 705 709 710 711; M 33 199 201 [13] Z. 43[24s.15] 46 533 537 549 712 714 716

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9851	8.5	$20^h\ 58^m\ 27^s.83$	$+2^s.3814$	$+0^s.0041$	+35° 58′ 32″.8	+14″.086	+0″.241	80.7	294 305	35° 4374
9852	9.2	58 30.30	2.3642	0.0041	36 39 10.4	14.088	0.239	80.8	341 343	36 4383
9853	8.1	58 31.80	2.2809	0.0042	39 45 7.5	14.089	0.231	79.8	58 59	39 4421
9854	8.8	58 36.67	2.4007	0.0040	35 13 38.3	14.094	0.240	81.6	440 467	35 4376
9855	9.1	58 42.98	2.3871	0.0041	35 46 50.2	14.101	0.242	80.7	294 305	35 4379
9856	9.1	20 58 56.05	+2.2702	+0.0042	+40 10 49.2	+14.114	+0.229	79.7	37 38	40 4397
9857	8.8	58 56.59	2.3854	0.0041	35 52 28.9	14.115	0.241	81.7	470 472	35 4380
9858	8.6	58 59.02	2.4078	0.0040	34 59 1.0	14.118	0.243	85.1	50 512 520	34 4257
9859	9.2	59 0.41	2.4112	0.0040	34 50 49.5	14.118	0.243	85.4	299 513 522	*34 4258*
9860	9.0	59 7.72	2.3496	0.0042	37 17 45.4	14.126	0.237	89.9	325 537 545 549	37 4163
9861	8.8	20 59 12.47	+2.4012	+0.0041	+35 16 34.0	+14.131	+0.242	84.2	5 Beob. [1]	35 4382
9862	8.9	59 19.92	2.3921	0.0041	35 39 12.0	14.139	0.241	81.6	440 467	35 4384
9863	8.0	59 23.31	2.3606	0.0042	36 53 50.2	14.143	0.238	80.8	330 333	36 4389
9864	8.9 [2]	59 25.66	2.3099	0.0043	38 48 50.9	14.145	0.233	87.6	5 Beob. [2]	38 4332
9865	8.6	59 44.19	2.4092	0.0041	35 0 49.8	14.164	0.242	85.1	50 512 520	34 4264
9866	8.4	20 59 44.46	+2.3677	+0.0042	+36 39 58.7	+14.164	+0.238	80.8	341 343	36 4390
9867	8.9	59 45.04	2.3893	0.0042	35 48 55.8	14.165	0.241	80.7	294 305	35 4387
9868	9.4	59 50.93	2.3862	0.0042	35 56 54.5	14.171	0.240	81.7	470 472	35 4388
9869	7.6	59 55.73	2.4118	0.0041	34 55 54.7	14.176	0.242	85.4	299 513 522	34 4267
9870	8.6	21 0 1.88	2.3107	0.0043	38 51 32.2	14.182	0.232	80.6	274 281	38 4335
9871	8.9	21 0 3.59	+2.3270	+0.0043	+38 15 18.1	+14.184	+0.234	80.6	278 286	38 4336
9872	8.8	0 5.71	2.3392	0.0043	37 48 9.1	14.186	0.235	80.8	330 333	37 4170
9873	8.7	0 10.88	2.4088	0.0041	35 4 50.9	14.192	0.242	87.1	63 517 527 550	35 4389
9874	8.2	0 11.07	2.4043	0.0041	35 15 52.9	14.192	0.241	84.6	54 515 516 524	35 4390
9875	9.0	0 14.55	2.3703	0.0042	36 37 15.4	14.195	0.238	81.7	470 472	36 4395
9876	8.6	21 0 15.32	+2.2842	+0.0043	+39 50 49.9	+14.196	+0.229	84.1	43 46 533	39 4427
9877	9.0	0 15.49	2.3174	0.0043	38 38 22.4	14.196	0.233	90.1	325 545 561 705	38 4337
9878	8.6	0 15.95	2.2748	0.0043	40 10 59.2	14.197	0.228	88.8	6 Beob. [3]	40 4402
9879	8.6	0 21.05	2.2825	0.0043	39 55 7.3	14.202	0.229	79.8	58 59	39 4428
9880	8.5	0 33.57	2.3579	0.0043	37 8 29.0	14.215	0.236	80.8	330 333	37 4172
9881	8.4	21 0 37.14	+2.3764	+0.0042	+36 25 34.0	+14.219	+0.238	80.8	341 343	36 4402
9882	8.8	0 38.42	2.3910	0.0042	35 51 9.4	14.220	0.240	80.7	288 297	35 4392
9883	8.9	0 44.90	2.3174	0.0044	38 41 53.6	14.227	0.232	87.9	5 Beob. [4]	38 4339
9884	8.0	0 46.54	2.4166	0.0041	34 50 1.7	14.228	0.242	87.1	63 517 527 550	*34 4277*
9885	9.1	0 50.19	2.3678	0.0043	36 47 38.2	14.232	0.237	80.7	302 304	36 4403
9886	8.6	21 0 51.27	+2.3369	+0.0044	+37 58 58.7	+14.233	+0.234	80.5	274 281	37 4173
9887	9.0	0 55.57	2.3697	0.0043	36 43 41.8	14.238	0.237	80.8	344 346	36 4405
9888	8.0	1 2.28	2.3149	0.0044	38 49 37.2	14.244	0.232	79.7	37 38	38 4341
9889	8.8	1 6.31	2.3906	0.0043	35 55 25.1	14.249	0.239	85.1	54 514 524	35 4396
9890	8.6	1 9.91	2.3395	0.0044	37 54 59.4	14.252	0.234	89.2	6 Beob. [5]	37 4174
9891	**5.7**	**21 1 17.69**	**+2.3343**	**+0.0044**	**+38 8 8.4**	**+14.260**	**+0.233**		**Fund. Cat.**	**38 4343** [6]
9892	9.1	1 21.55	2.3424	0.0044	37 50 8.8	14.264	0.234	89.1	325 545 705	37 4175
9893	9.4	1 21.93	2.3359	0.0044	38 4 59.5	14.265	0.234	79.8	58 59	38 4345
9894	8.7	1 23.64	2.3574	0.0043	37 15 52.3	14.266	0.235	80.8	330 333	37 4176
9895	9.3	1 23.67	2.4095	0.0042	35 11 54.2	14.267	0.241	93.5	554 712 716	35 4399
9896	7.9	21 1 40.29	+2.3511	+0.0044	+37 32 24.7	+14.284	+0.235	84.8	325 328 545	37 4178
9897	8.8	1 41.07	2.3857	0.0043	36 11 26.5	14.284	0.238	80.7	302 304	36 4410
9898	8.2	1 56.53	2.3972	0.0043	35 45 19.4	14.300	0.239	87.1	63 517 527 550	35 4402
9899	8.5	2 1.46	2.2984	0.0045	39 33 18.3	14.305	0.228	79.7	37 38	39 4438
9900	7.9	2 2.07	2.3392	0.0044	38 2 15.7	14.306	0.233	80.8	341 343	37 4179

[1] Z. 54 514 515 516 524 [2] Z. 43 46 530 533 541 [$8^m.0$] [3] Z. 37 38 553 554 712 716
[4] Z. 43 46 533 708 709 [5] Z. 278 286 561 705 712 716 [6] Begleiter unter besonderer Nr. (38° 4344) in BD, in den Zonen nicht beobachtet

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9901	7.9	21^h 2^m $4^s.44$	$+2^s.2913$	$+0^s.0045$	+39° 49′ 4″.5	+14″.308	+0″.228	84.0	43 46 533	39° 4440
9902	8.5	2 14.15	2.3458	0.0044	37 48 47.6	14.318	0.234	86.9	325 328 545 561	37 4180
9903	8.0	2 14.38	2.3808	0.0044	36 26 52.6	14.318	0.237	80.8	344 346	36 4416
9904	8.9	2 15.13	2.3214	0.0045	38 44 2.3	14.319	0.231	80.6	274 281	38 4352
9905	8.9	2 17.18	2.3597	0.0044	37 16 59.2	14.321	0.235	80.8	330 333	37 4181
9906	9.2	21 2 19.90	+2.2886	+0.0045	+39 56 47.5	+14.324	+0.228	79.8	58 59	39 4441
9907	8.5	2 19.91	2.3147	0.0045	38 59 42.2	14.324	0.230	80.6	278 286	38 4353
9908	8.6	2 20.35	2.3750	0.0044	36 41 36.6	14.324	0.236	85.1	54 514 524	36 4417
9909	8.8	2 36.72	2.3140	0.0045	39 3 22.6	14.341	0.230	79.8	58 59	38 4356
9910	9.0	2 46.31	2.3863	0.0044	36 17 51.4	14.351	0.237	80.7	302 304	36 4420
9911	8.9	21 2 47.80	+2.3499	+0.0045	+37 43 26.5	+14.352	+0.233	80.6	274 281	37 4185
9912	8.7	3 3.96	2.3844	0.0044	36 24 36.9	14.369	0.236	88.8	288 553 554	36 4422
9913	9.0	3 4.20	2.3648	0.0045	37 10 51.9	14.369	0.234	80.8	344 346	37 4187
9914	8.7	3 11.19	2.4238	0.0043	34 49 43.8	14.376	0.240	87.1	63 517 527 550	*34 4294*
9915	9.5	3 12.51	2.3430	0.0045	38 2 21.1	14.378	0.232	88.5	5 Beob. [1]	37 4188
9916	7.9	21 3 12.85	+2.3435	+0.0045	+38 1 29.8	+14.378	+0.232	84.7	278 286 561	37 4189
9917	9.1	3 15.23	2.3676	0.0045	37 5 38.5	14.380	0.234	84.8	325 328 545	37 4190
9918	9.1	3 22.00	2.2925	0.0046	39 56 23.1	14.387	0.227	79.7	37 38	39 4445
9919	9.0	3 25.60	2.4022	0.0044	35 44 25.0	14.391	0.238	90.4	514 524 553 554	35 4409
9920	8.9	3 28.40	2.3455	0.0045	37 58 51.4	14.394	0.232	80.7	274 281 344 346	37 4192
9921	8.4	21 3 31.96	+2.3142	+0.0046	+39 9 53.2	+14.397	+0.229	84.0	43 46 533	39 4447
9922	9.4	3 40.37	2.3041	0.0046	39 33 6.7	14.406	0.228	79.7	37 38	39 4448
9923	8.8	3 53.47	2.3606	0.0046	37 26 56.4	14.419	0.233	88.1 87.2	330[2] 333 708 709	37 4193
9924	9.4	4 1.97	2.4131	0.0044	35 22 16.8	14.428	0.238	93.8	712 716	35 4412
9925	7.5	4 15.25	2.3416	0.0046	38 13 22.7	14.441	0.231	84.0	43 46 533	38 4362
9926	8.8	21 4 20.78	+2.3664	+0.0046	+37 16 44.0	+14.447	+0.233	80.8	341 343	37 4198
9927	9.3	4 20.99	2.3725	0.0046	37 2 19.8	14.447	0.233	80.7	302 304	36 4431
9928	8.7	4 22.89	2.3489	0.0046	37 57 48.1	14.449	0.232	80.8	344 346	37 4199
9929	8.9	4 24.98	2.4111	0.0045	35 29 53.2	14.451	0.238	89.0	6 Beob. [3]	35 4416
9930	9.2	4 26.19	2.3605	0.0046	37 31 7.6	14.452	0.232	93.7	708 709 712 716	37 4200
9931	9.1	21 4 28.29	+2.3271	+0.0047	+38 47 58.0	+14.454	+0.229	79.8	58 59	38 4364
9932	8.5	4 33.72	2.3988	0.0045	36 0 58.3	14.460	0.236	80.7	288 297	35 4418
9933	8.1	4 39.66	2.4167	0.0045	35 17 48.7	14.466	0.238	85.1	54 514 524	35 4419
9934	8.0	4 44.74	2.3051	0.0047	39 39 13.2	14.471	0.227	79.8	58 59	39 4461
9935	9.1	4 48.69	2.3535	0.0046	37 50 29.7	14.475	0.231	81.7	470 472	37 4202
9936	8.7	21 4 49.72	+2.4248	+0.0044	+34 59 2.8	+14.476	+0.238	89.0	6 Beob. [4]	34 4312
9937	8.5	4 51.07	2.2932	0.0047	40 5 54.9	14.476	0.225	79.7	37 38 43 46	40 4425
9938	8.8	4 51.54	2.3383	0.0046	38 25 34.7	14.477	0.230	88.2	5 Beob. [5]	38 4367
9939	8.4	4 53.05	2.3883	0.0045	36 28 36.7	14.479	0.235	80.7	302 304	36 4437
9940	8.8	5 1.97	2.2943	0.0047	40 5 0.5	14.488	0.225	93.5	5 Beob. [6]	40 4426
9941	8.9	21 5 2.60	+2.3047	+0.0047	+39 42 22.0	+14.489	+0.226	80.5	274 281	39 4463
9942	8.6	5 3.96	2.3569	0.0047	37 44 29.6	14.490	0.232	80.8	341 343	37 4203
9943	7.9	5 10.25	2.4021	0.0046	35 57 18.5	14.497	0.236	80.7	288 297	35 4421
9944	9.1	5 12.33	2.3163	0.0047	39 17 50.5	14.499	0.227	80.6	278 286	39 4466
9945	9.0	5 18.88	2.2982	0.0047	39 58 43.3	14.505	0.226	80.5	274 281	39 4468
9946	9.1	21 5 24.93	+2.4059	+0.0045	+35 49 56.4	+14.512	+0.236	87.1	63 517 527 550	35 4422
9947	7.7	5 32.77	2.3951	0.0046	36 17 17.8	14.519	0.235	80.7	302 304	36 4446
9948	9.3	5 34.18	2.3429	0.0047	38 20 39.3	14.521	0.230	88.4	5 Beob. [7]	38 4369
9949	8.8	5 35.35	2.3455	0.0047	38 14 46.9	14.522	0.230	80.8	325 330 333	38 4370
9950	8.6	5 39.80	2.2982	0.0047	40 1 19.3	14.526	0.225	84.0	43 46 533	39 4469

[1] Z. 278 286 705 712 716 [2] *a* Gew. ½ [3] Z. 63 517 527 550 553 554 [4] Z. 63 517 527 550 553 554
[5] Z. 325 328 545 561 705 [6] Z. 533 708 709 712 716 [7] Z. 325 328 545 708 709

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9951	9.0	21h 5m 39s.84	+2s.3748	+0s.0046	+37° 6' 42".3	+14".526	+0".232	81.7	470 472	37° 4204
9952	8.5	5 42.13	2.3675	0.0047	37 24 23.4	14.529	0.232	81.6	452 454	37 4205
9953	7.9	5 43.90	2.3782	0.0047	36 59 21.1	14.531	0.232	80.8	344 346	36 4447
9954	7.4	5 45.55	2.3407	0.0047	38 27 6.6	14.532	0.229	79.8	58 59	38 4372
9955	8.3	5 50.18	2.3445	0.0047	38 18 54.0	14.537	0.229	81.6	452 454	38 4373
9956	8.7	21 5 53.70	+2.3604	+0.0047	+37 42 30.3	+14.540	+0.231	80.8	341 343	37 4209
9957	8.0	5 57.90	2.3349	0.0048	38 41 48.2	14.545	0.228	80.6	278 286	38 4374
9958	6.7	6 2.26	2.4089	0.0046	35 47 22.1	14.549	0.236	85.1	54 514 524	35 4426
9959	8.6	6 3.51	2.3464	0.0048	38 16 11.8	14.550	0.229	89.9	328 545 553 554	38 4375
9960	7.8	6 11.16	2.4006	0.0046	36 8 43.5	14.558	0.235	80.8	330 333	36 4449
9961	8.6	21 6 23.16	+2.3353	+0.0048	+38 44 0.8	+14.570	+0.228	80.6	274 281	38 4380
9962	8.6	6 23.63	2.3037	0.0048	39 54 54.3	14.570	0.225	79.7	37 38	39 4474
9963	8.7	6 33.20	2.4129	0.0046	35 41 27.5	14.580	0.235	80.7	288 297	35 4428
9964	9.1	6 34.71	2.3515	0.0048	38 8 22.0	14.582	0.229	80.6	278 286	38 4381
9965	8.5	6 40.64	2.3651	0.0048	37 37 35.0	14.587	0.230	90.0	328 545 561 705	37 4217
9966	7.8	21 6 46.83	+2.3157	+0.0048	+39 31 30.7	+14.594	+0.225	79.7	37 38	39 4475
9967	8.8	6 49.42	2.3979	0.0047	36 20 11.0	14.596	0.233	80.8	344 346	36 4454
9968	7.8	6 56.06	2.4274	0.0046	35 7 57.9	14.603	0.236	85.1	54 514 524	35 4431
9969	8.7	7 6.94	2.4156	0.0047	35 38 50.1	14.614	0.235	80.7	302 304	35 4432
9970	8.7	7 8.91	2.3544	0.0048	38 6 1.1	14.616	0.229	80.1	58 59 328	38 4386
9971	8.5	21 7 13.86	+2.3939	+0.0047	+36 33 7.2	+14.621	+0.233	80.8	341 343	36 4458
9972	8.6	7 14.09	2.3846	0.0048	36 55 31.1	14.621	0.232	80.8	330 333	36 4457
9973	9.1	7 21.46	2.3407	0.0049	38 39 23.1	14.628	0.227	80.6	274 281	38 4387
9974	7.5	7 23.37	2.3147	0.0049	39 38 17.6	14.630	0.225	84.1	43 46 533	39 4479
9975	8.5	7 30.48	2.4346	0.0046	34 54 20.1	14.637	0.236	87.1	63 517 527 550	*34 4332*
9976	7.7	21 7 34.60	+2.3571	+0.0048	+38 3 12.5	+14.641	+0.229	89.9	325 545 553 554	37 4222
9977	8.4	7 35.40	2.3368	0.0049	38 50 4.1	14.642	0.226	80.6	278 286	38 4389
9978	9.0	7 37.07	2.3992	0.0048	36 22 57.5	14.644	0.233	80.8	344 346	36 4463
9979	8.4	7 46.83	2.3870	0.0048	36 54 1.5	14.654	0.231	80.7	302 304	36 4465
9980	6.9	7 49.96	2.4265	0.0047	35 17 3.4	14.657	0.235	80.7	288 297	35 4435
9981	8.8	21 7 54.94	+2.3442	+0.0049	+38 35 50.4	+14.662	+0.227	79.8	58 59	38 4395
9982	9.0	8 2.53	2.3846	0.0048	37 1 48.4	14.669	0.231	80.8	330 333	36 4466
9983	8.2	8 7.63	2.3488	0.0049	38 26 43.6	14.674	0.227	81.7	470 472	38 4397
9984	8.0	8 9.47	2.4348	0.0047	34 58 31.1	14.676	0.236	87.1	63 517 527 550	34 4336
9985	9.1	8 12.80	2.4126	0.0048	35 54 31.5	14.679	0.234	85.1	54 514 524	35 4440
9986	8.7	21 8 16.62	+2.3302	+0.0050	+39 10 32.1	+14.683	+0.225	79.7	37 38	39 4482
9987	8.4	8 16.99	2.3963	0.0048	36 35 14.4	14.684	0.232	80.8	341 343	36 4468
9988	9.0	8 17.22	2.3410	0.0049	38 46 8.1	14.684	0.226	80.6	274 281	38 4399
9989	9.0	8 21.13	2.3850	0.0049	37 3 8.9	14.688	0.230	80.8	344 346	36 4469
9990	8.6	8 23.81	2.3678	0.0049	37 44 24.0	14.690	0.229	81.7	470 472	37 4228
9991	6.3	21 8 25.00	+2.4082	+0.0048	+36 7 5.4	+14.692	+0.233	80.7	302 304	36 4470
9992	7.4	8 29.19	2.3644	0.0049	37 53 14.1	14.696	0.228	80.8	341 343	37 4229
9993	8.9	8 30.84	2.3105	0.0050	39 56 34.5	14.697	0.223	84.1	43 46 533	39 4483
9994	8.7	8 44.18	2.3613	0.0049	38 2 33.5	14.711	0.228	84.8	325 328 545	37 4231
9995	8.5	8 45.23	2.3553	0.0049	38 16 46.7	14.712	0.227	79.8	58 59	38 4403
9996	8.8	21 8 53.07	+2.3647	+0.0049	+37 55 34.9	+14.719	+0.228	80.8	330 333	37 4232
9997	8.8	9 0.31	2.3637	0.0049	37 58 57.4	14.727	0.228	80.8	341 343	37 4233
9998	8.0	9 0.55	2.3413	0.0050	38 51 16.1	14.727	0.225	80.6	278 286	38 4405
9999	8.9	9 5.82	2.3204	0.0050	39 39 18.3	14.732	0.223	79.7	37 38	39 4486
10000	7.7	9 7.34	2.3822	0.0049	37 15 54.6	14.733	0.229	85.1	63 517 550	37 4235

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10001	8.8	21^h 9^m $10^s.34$	$+2^s.3359$	$+0^s.0050$	+39° 4' 41".0	+14".736	+0".225	80.6	274 281	38° 4406
10002	8.4	9 18.83	2.3262	0.0050	39 27 54.2	14.745	0.224	84.1	43 46 533	39 4487
10003	7.4	9 29.76	2.3462	0.0050	38 43 30.7	14.756	0.225	84.8	325 328 545	38 4409
10004	8.2	9 35.76	2.4004	0.0049	36 35 35.7	14.762	0.231	87.1	63 517 527 550	36 4482
10005	8.9	9 36.25	2.3589	0.0050	38 14 57.5	14.762	0.227	80.6	278 286	38 4410
10006	**4.0**	**21 9 48.14**	**+2.3782**	**+0.0050**	**+37 30 45.2**	**+14.774**	**+0.228**		**Fund. Cat.**	**37 4240**
10007	8.8	9 57.08	2.3416	0.0051	38 57 42.4	14.783	0.224	80.6	274 281	38 4415
10008	8.8	10 2.60	2.3366	0.0051	39 10 3.3	14.788	0.224	82.3	5 Beob. [1]	39 4490
10009	9.1	10 13.65	2.4224	0.0049	35 45 44.4	14.799	0.232	85.1	54 514 524	35 4450
10010	8.9	10 31.24	2.3286	0.0051	39 32 1.9	14.816	0.223	79.8	58 59	39 4494
10011	8.2	21 10 33.24	+2.4108	+0.0050	+36 17 16.9	+14.818	+0.231	86.8	302 304 553 554	36 4493
10012	7.8	10 33.68	2.4000	0.0050	36 43 58.1	14.819	0.229	80.7	288 297	36 4492
10013	8.9	10 39.73	2.4387	0.0049	35 7 49.8	14.825	0.233	85.1	54 514 524	35 4452
10014	8.3	10 46.95	2.3381	0.0052	39 12 31.8	14.832	0.223	79.7	37 38	39 4495
10015	8.4	10 47.94	2.3705	0.0051	37 56 52.7	14.833	0.226	86.3	58 59 553 554	37 4245
10016	9.4	21 10 51.05	+2.4168	+0.0050	+36 4 28.8	+14.836	+0.231	80.7	288 297	35 4454
10017	8.7	10 57.71	2.3860	0.0051	37 21 15.6	14.842	0.228	80.6	278 286	37 4247
10018	8.6	11 1.00	2.4412	0.0049	35 4 17.4	14.845	0.233	87.1	63 517 527 550	34 4362
10019	9.1	11 4.69	2.3885	0.0051	37 15 57.6	14.849	0.228	80.8	344 346	37 4248
10020	8.7	11 11.32	2.3984	0.0051	36 52 57.9	14.856	0.228	80.7	302 304	36 4495
10021	8.2	21 11 25.57	+2.3568	+0.0052	+38 34 30.8	+14.870	+0.224	84.1	43 46 533	38 4427
10022	9.1	11 33.85	2.4129	0.0050	36 19 59.0	14.878	0.230	80.7	302 304	36 4496
10023	7.3	11 36.02	2.4258	0.0050	35 48 1.8	14.880	0.231	85.1	63 517 550	35 4457
10024	8.9	11 54.06	2.3799	0.0052	37 43 31.4	14.897	0.226	79.8	58 59	37 4253
10025	8.2	12 1.40	2.4402	0.0050	35 14 51.7	14.905	0.232	85.1	54 514 524	35 4461
10026	9.0	21 12 7.97	+2.3271	+0.0053	+39 48 35.7	+14.911	+0.221	79.7	37 38	39 4506
10027	8.5	12 12.26	2.3355	0.0053	39 30 3.1	14.915	0.221	84.1	43 46 533	39 4507
10028	8.9	12 16.67	2.4376	0.0050	35 23 20.1	14.919	0.231	80.7	288 297	35 4464
10029	9.1	12 28.71	2.3823	0.0052	37 42 22.3	14.931	0.225	80.6	278 286	37 4259
10030	8.7	12 29.14	2.4222	0.0051	36 3 59.0	14.932	0.230	87.1	63 517 527 550	35 4465
10031	4.8	21 12 30.40	+2.3529	+0.0053	+38 52 17.7	+14.933	+0.222	90.9	10 Beob. [2]	38 4431
10032	7.5	12 40.92	2.3582	0.0053	38 41 16.9	14.943	0.223	80.6	274 281	38 4432
10033	7.5[3]	12 42.99	2.3446	0.0053	39 13 19.8	14.945	0.221	79.7	37 38	39 4510
10034	8.7	12 45.85	2.3675	0.0053	38 20 5.4	14.948	0.223	80.6	278 286	38 4433
10035	9.0	12 50.42	2.3878	0.0052	37 31 49.7	14.952	0.225	80.8	344 346	37 4261
10036	8.8	21 12 59.76	+2.4453	+0.0050	+35 9 20.5	+14.961	+0.231	80.7	288 297	35 4468
10037	8.9	13 5.84	2.4390	0.0051	35 26 19.2	14.967	0.230	85.1	54 514 524	35 4469
10038	9.3	13 10.23	2.3677	0.0053	38 22 46.8	14.971	0.223	80.6	274 281	38 4437
10039	8.7	13 14.38	2.3565	0.0053	38 49 45.0	14.976	0.222	84.8	325 328 545	38 4439
10040	8.7	13 15.83	2.3284	0.0054	39 54 53.6	14.977	0.220	79.8	58 59	39 4515
10041	9.3	21 13 23.97	+2.4107	+0.0052	+36 40 17.5	+14.985	+0.227	80.7	302 304	36 4509
10042	8.9	13 29.41	2.3343	0.0054	39 43 23.3	14.990	0.220	84.1	43 46 533	39 4517
10043	8.6	13 29.61	2.4213	0.0052	36 14 23.1	14.990	0.228	80.7	302 304	36 4510
10044	8.8	13 39.16	2.3685	0.0053	38 24 52.0	14.999	0.222	86.3	58 59 553 554	38 4440
10045	8.4	13 39.91	2.4257	0.0052	36 4 35.3	15.000	0.228	80.4	54 288 297	35 4473
10046	9.3	21 13 40.87	+2.4006	+0.0053	+37 7 34.3	+15.001	+0.226	80.8	330 333	37 4264
10047	9.0	13 59.03	2.4535	0.0051	34 55 46.8	15.019	0.231	87.1	63 517 527 550	34 4375
10048	9.1[4]	14 1.49	2.3642	0.0054	38 38 11.8	15.021	0.222	80.6	274 278 281 286	38 4442
10049	9.1	14 4.74	2.4275	0.0052	36 3 20.0	15.024	0.228	90.3	514 524 553 554	35 4479
10050	6.4[5]	14 5.77	2.3495	0.0054	39 13 20.8	15.025	0.220	84.1	43 46 533	39 4519

[1] Z. 37 38 43 46 533 [2] Z. 553 554 561 705 708 709 710 711; M 146 147 [3] Com. $9^m.0$ 2"
[4] Dpl. 8" bor. praec. [5] Com. $9^m.0$ 13"

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10051	8.7	21h 14m 13s.69	+2s.3899	+0s.0053	+37° 38' 12".2	+15".033	+0".224	84.8	325 328 545	37° 4269
10052	7.2	14 22.58	2.3744	0.0054	38 16 47.0	15.042	0.222	84.8	325 328 545	38 4445
10053	6.3	14 23.15	2.3886	0.0054	37 42 37.8	15.042	0.224	80.8	330 333	37 4271
10054	9.0	14 24.79	2.4129	0.0053	36 43 1.5	15.044	0.226	80.8	344 346	36 4513
10055	9.1	14 28.86	2.3267	0.0055	40 8 57.6	15.048	0.218	79.7	37 38	40 4486
10056	8.6	21 14 35.36	+2.3325	+0.0055	+39 56 46.8	+15.054	+0.218	84.1	43 46 533	39 4521
10057	8.8	14 39.36	2.3378	0.0055	39 45 8.0	15.058	0.219	79.7	37 38	39 4522
10058	8.8	14 39.69	2.3755	0.0054	38 16 27.6	15.058	0.222	79.8	58 59	38 4448
10059	8.9	14 45.81	2.4092	0.0053	36 55 1.3	15.064	0.225	80.8	341 343	36 4514
10060	8.8	14 53.84	2.4449	0.0052	35 25 32.4	15.072	0.228	86.8	304 561	35 4482
10061	9.2	21 14 57.01	+2.4176	+0.0053	+36 35 33.1	+15.075	+0.226	80.8	330 333	36 4515
10062	8.9	14 57.62	2.4565	0.0051	34 55 42.5	15.075	0.230	86.8	288 297 553 554	34 4382
10063	8.1	15 2.60	2.4535	0.0052	35 4 14.9	15.080	0.229	87.1	63 517 527 550	34 4383
10064	7.9	15 8.95	2.4433	0.0052	35 31 39.3	15.086	0.228	80.8	344 346	35 4485
10065	8.6	15 10.01	2.4374	0.0052	35 46 55.3	15.087	0.228	91.5	6 Beob. [1]	35 4486
10066	8.3	21 15 10.99	+2.4258	+0.0053	+36 16 40.9	+15.088	+0.227	93.5	561 705 712 716	36 4520
10067	7.2	15 14.86	2.3804	0.0054	38 9 39.0	15.092	0.222	80.6	274 281	38 4454
10068	8.9	15 17.76	2.3816	0.0054	38 7 11.7	15.095	0.222	80.6	278 286	38 4455
10069	8.4	15 29.43	2.4345	0.0053	35 57 8.8	15.106	0.227	85.1	54 514 524	35 4489
10070	8.9	15 30.05	2.4327	0.0053	36 1 41.2	15.106	0.227	87.1	63 517 527 550	35 4490
10071	8.8	21 15 31.09	+2.4313	+0.0053	+36 5 28.3	+15.107	+0.227	80.8	344 346	36 4522
10072	8.6	15 37.74	2.3775	0.0055	38 19 42.6	15.114	0.221	84.8	325 328 545[2]	38 4457
10073	9.4	15 38.43	2.4536	0.0052	35 9 1.4	15.114	0.229	80.7	288 297	35 4492
10074	8.7	15 51.10	2.3426	0.0056	39 44 1.1	15.127	0.218	84.1	43 46 533	39 4527
10075	7.4	16 1.67	2.3492	0.0057	39 30 11.8	15.137	0.218	79.7	37 38	39 4528
10076	6.6	21 16 8.51	+2.3414	+0.0056	+39 49 18.8	+15.143	+0.217	79.8	58 59	39 4529
10077	9.4	16 9.26	2.3823	0.0055	38 12 35.8	15.144	0.221	80.6	278 286	38 4462
10078	8.6	16 13.52	2.3779	0.0056	38 23 54.1	15.148	0.221	87.2	330 333 708 709	38 4464
10079	9.5	16 13.93	2.3366	0.0057	40 1 10.1	15.148	0.217	90.9	5 Beob. [3]	39 4530
10080	8.7	16 16.30	2.4542	0.0053	35 12 20.2	15.151	0.228	85.1	54 514 524	35 4496
10081	8.4	21 16 19.95	+2.3876	+0.0055	+38 1 11.8	+15.154	+0.221	80.8	330 333	37 4279
10082	9.2	16 36.09	2.4111	0.0055	37 5 28.6	15.170	0.223	84.8	325 328 545	37 4281
10083	9.4	16 37.86	2.4280	0.0054	36 23 6.6	15.171	0.225	84.9	344 346 554	36 4529
10084	8.6	16 44.07	2.4544	0.0053	35 15 40.9	15.177	0.227	80.7	288 297	35 4497
10085	9.0	16 55.74	2.4636	0.0053	34 53 5.1	15.188	0.228	87.1	63 517 527 550	*34 4396*
10086	8.9	21 17 4.87	+2.4482	+0.0053	+35 34 44.3	+15.197	+0.226	80.7	302 304	35 4499
10087	8.8	17 10.73	2.4466	0.0054	35 39 44.0	15.203	0.226	86.8	288 297 553 554	35 4500
10088	9.2	17 17.55	2.4150	0.0055	37 1 23.7	15.209	0.223	80.8	330 333	36 4531
10089	9.3	17 20.44	2.3575	0.0057	39 21 58.6	15.212	0.217	79.7	37 38	39 4536
10090	7.9	17 21.40	2.4245	0.0055	36 37 55.0	15.213	0.224	80.8	341 343	36 4533
10091	8.4	21 17 22.55	+2.4369	+0.0054	+36 6 24.7	+15.214	+0.225	80.8	344 346	36 4534
10092	9.2	17 27.14	2.3981	0.0056	37 44 51.8	15.218	0.221	79.8	58 59	37 4283
10093	8.5	17 33.15	2.4118	0.0056	37 11 35.2	15.224	0.222	80.6	278 286	37 4284
10094	9.1	17 34.20	2.4136	0.0056	37 7 10.4	15.225	0.222	84.8	325 328 545	— —
10095	8.5	17 34.57[4]	2.3868	0.0056	38 13 43.4	15.225	0.220	86.5 87.9	5 Beob. [4]	38 4468
10096	8.8	21 17 39.58	+2.4134	+0.0056	+37 8 41.7	+15.230	+0.222	93.7	708 709 712 716	37 4285
10097	9.1	17 41.06	2.3561	0.0058	39 28 7.8	15.231	0.217	86.3	43 46 533 561	39 4538
10098	6.7	17 47.62	2.3907	0.0056	38 6 3.6	15.238	0.220	79.8	58 59	38 4471
10099	7.0	17 55.37	2.3894	0.0057	38 10 27.9	15.245	0.220	80.6	274 281	38 4472
10100	8.6	17 56.71	2.4450	0.0054	35 50 26.2	15.246	0.225	85.1	54 514 524	35 4503

[1] Z. 304 708 710 711 712 716 [2] Obl. [3] Z. 274 561 705 712 716 [4] Z. 43 46 533 708 709 [34s.14]

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10101	8.7	$21^h\ 17^m\ 58^s.00$	$+2^s.3994$	$+0^s.0056$	+37° 46′ 5″.8	+15″.247	+0″.220	80.6	278 286	37° 4288
10102	7.6	17 58.20	2.3394	0.0058	40 9 48.1	15.248	0.215	86.5	37 38 561 705	40 4503
10103	9.1	18 14.18[1]	2.4422	0.0054	35 59 50.2	15.263	0.224	90.9 89.0	6 Beob. [1]	35 4505
10104	6.4	18 19.39	2.4221	0.0056	36 52 15.5	15.268	0.223	86.8	302 304 553 561	36 4537
10105	7.9	18 20.07	2.3749	0.0058	38 48 54.8	15.268	0.218	80.6	274 281	38 4476
10106	9.1	21 18 24.15	+2.4312	+0.0055	+36 29 36.4	+15.272	+0.223	80.8	344 346	36 4539
10107	7.5	18 39.74	2.3594	0.0058	39 28 58.1	15.287	0.216	79.7	37 38	39 4542
10108	6.1	18 44.94	2.4248	0.0056	36 48 57.2	15.292	0.222	93.6	8 Beob. [2]	36 4543
10109	8.9	18 50.47	2.3951	0.0057	38 4 1.7	15.297	0.219	79.8	58 59	37 4293
10110	8.8	19 3.78	2.3823	0.0058	38 37 23.9	15.310	0.218	84.1	43 46 533	38 4481
10111	8.8	21 19 7.52	+2.4475	+0.0055	+35 53 29.8	+15.313	+0.224	85.1	54 514 524	35 4510
10112	8.4	19 11.98	2.4190	0.0057	37 7 32.9	15.317	0.221	84.8	325 328 545	37 4295
10113	9.0	19 12.82	2.4701	0.0054	34 54 33.5	15.318	0.226	87.1	63 517 527 550	*34 4407*
10114	8.8	19 12.97	2.4397	0.0056	36 14 28.8	15.318	0.223	80.7	288 297 302 304	36 4545
10115	9.2	19 15.50	2.4285	0.0056	36 43 55.8	15.321	0.222	80.8	330 333	36 4546
10116	8.4	21 19 17.94	+2.4181	+0.0057	+37 10 39.3	+15.323	+0.221	80.6	278 286	37 4296
10117	7.4	19 20.34	2.4353	0.0056	36 27 1.9	15.325	0.223	80.8	341 343	36 4547
10118	9.0	19 34.89	2.3686	0.0059	39 14 52.6	15.339	0.216	79.7	37 38	39 4546
10119	8.6	19 39.04	2.4479	0.0056	35 56 56.8	15.343	0.223	87.1	63 517 527 550	35 4516
10120	8.2	19 49.52	2.3880	0.0058	38 30 8.4	15.353	0.217	84.1	43 46 533	38 4486
10121	9.3	21 19 51.93	+2.3932	+0.0058	+38 17 44.0	+15.355	+0.218	79.8	58 59	38 4485
10122	9.1	19 56.57	2.4190	0.0057	37 13 53.3	15.359	0.220	84.8	325 328 545	37 4300
10123	8.7	19 57.06	2.4052	0.0058	37 48 34.0	15.360	0.219	80.8	330 333	37 4301
10124	8.9	20 0.28	2.4314	0.0057	36 42 52.2	15.363	0.222	80.7	302 304	36 4552
10125	8.5	20 9.79	2.4449	0.0056	36 9 1.7	15.372	0.223	80.8	344 346	36 4554
10126	8.8	21 20 12.10	+2.4520	+0.0056	+35 51 1.1	+15.374	+0.223	89.2 88.2	5 Beob. [3]	35 4521
10127	9.3	20 18.26	2.3942	0.0059	38 19 3.9	15.380	0.217	80.6	278 286	38 4490
10128	9.1	20 21.94	2.3923	0.0059	38 24 24.9	15.383	0.217	84.8	325 328 545	38 4491
10129	8.7	20 29.47	2.3805	0.0059	38 54 17.2	15.390	0.216	79.8	58 59	38 4493
10130	9.5	20 32.63	2.3668	0.0060	39 27 39.6	15.393	0.215	80.6	274 281	39 4551
10131	6.1	21 20 40.64	+2.4471	+0.0057	+36 7 41.6	+15.400	+0.222	87.1	12 Beob. [4]	36 4557
10132	8.3	20 49.13	2.4042	0.0059	37 58 35.6	15.408	0.217	80.6	278 286	37 4309
10133	8.6	20 58.12	2.3988	0.0059	38 13 30.8	15.417	0.217	79.7	37 38	38 4495
10134	8.4	21 5.53	2.4498	0.0057	36 4 20.2	15.424	0.222	80.7	288 297	35 4525
10135	7.7	21 8.91	2.4674	0.0056	35 17 59.8	15.427	0.223	87.1	63 517 527 550	35 4526
10136	8.7	21 21 17.26	+2.4536	+0.0057	+35 55 48.0	+15.435	+0.222	87.1	54 514 553 554[5]	35 4527
10137	9.0	21 24.88	2.3912	0.0060	38 36 12.6	15.442	0.216	84.1	43 46 533	38 4497
10138	9.3	21 40.97	2.3970	0.0060	38 24 21.4	15.457	0.216	80.6	274 281	38 4499
10139	7.4	21 41.98	2.3525	0.0062	40 11 51.5	15.458	0.212	79.7	37 38	40 4524
10140	7.6	21 43.41	2.4310	0.0058	36 58 36.7	15.459	0.219	80.7	288 297	36 4564
10141	8.8	21 21 53.34	+2.4494	+0.0058	+36 12 7.1	+15.468	+0.221	87.0	302 304 561 705	36 4565
10142	8.6	21 56.13	2.3576	0.0062	40 2 0.1	15.471	0.212	84.1	43 46 533	39 4558
10143	8.4	21 57.78	2.3806	0.0061	39 6 59.1	15.472	0.214	79.8	58 59	39 4559
10144	8.6	22 2.10	2.3886	0.0061	38 48 8.6	15.476	0.215	80.6	274 281	38 4501
10145	8.0	22 2.57	2.4458	0.0058	36 23 3.1	15.477	0.220	80.8	344 346	36 4566
10146	9.0	21 22 7.55	+2.4566	+0.0058	+35 55 18.8	+15.481	+0.221	89.0	6 Beob. [6]	35 4533
10147	5.4	22 15.64	2.4421	0.0059	36 34 27.2	15.489	0.220	90.4	8 Beob. [7]	36 4568
10148	7.9	22 19.71	2.4620	0.0058	35 42 44.4	15.493	0.221	85.1	54 514 524	35 4534
10149	8.9	22 40.90	2.4779	0.0057	35 2 44.4	15.512	0.222	80.7	288 297	34 4421
10150	7.1	22 42.89	2.4819	0.0057	34 51 56.8	15.514	0.223	87.1	63 517 527 550	*34 4422*

[1] Z. 63[$13^s.76$] 517 527 550 553 554
[2] 554 705 708 709 710 711 712 716
[3] Z. 54(α Gew. ½) 514 524 553 554
[4] Z. 302 304 341 343 344 346 561 705 708 709 710 711
[5] Z. 524 $9^m.4$ $17^s.63$ $52''.3$ ausgeschlossen
[6] Z. 63 517 527 550 553 554
[7] Z. 561 705 708 709 710 711; M 146 147

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10151	9.0	21h 22m 43s.40	+2s.4435	+0s.0059	+36° 35' 0".2	+15".515	+0".219	80.7	302 304	36° 4571
10152	8.8	22 48.19	2.3733	0.0062	39 32 6.2	15.519	0.212	79.8	58 59	39 4564
10153	9.1	22 53.42	2.4398	0.0059	36 46 11.3	15.524	0.219	86.8	344 346 553 554	36 4573
10154	8.8	22 57.71	2.3564	0.0063	40 14 15.4	15.528	0.211	79.7	43 46	40 4532
10155	8.9	23 6.14	2.3890	0.0062	38 56 39.5	15.535	0.213	80.6	274 281	38 4504
10156	8.7	21 23 13.48	+2.4678	+0.0058	+35 34 48.8	+15.542	+0.221	85.1	54 514 524	35 4539
10157	9.0	23 25.25	2.3595	0.0063	40 10 55.3	15.553	0.211	79.7	37 38	40 4536
10158	7.9	23 55.98	2.4372	0.0061	37 1 59.9	15.581	0.217	80.7	288 297	36 4580
10159	7.5	23 59.53	2.3703	0.0063	39 50 17.1	15.585	0.211	79.7	37 38	39 4567
10160	8.3	24 2.18	2.3683	0.0064	39 55 23.3	15.587	0.211	84.1	43 46 533	39 4568
10161	7.6	21 24 7.19	+2.3728	+0.0063	+39 45 26.9	+15.592	+0.211	79.8	58 59	39 4570
10162	9.4	24 18.42	2.3693	0.0064	39 55 25.8	15.602	0.210	80.6	274 281	39 4573
10163	8.2	24 23.50	2.4137	0.0062	38 6 23.9	15.607	0.214	80.6	274 281	38 4509
10164	8.3	24 33.69	2.4572	0.0060	36 15 0.9	15.616	0.218	80.7	302 304	36 4584
10165	7.6	24 43.45	2.4716	0.0060	35 37 47.7	15.625	0.219	87.1	63 517 527 550	35 4545
10166	8.5	21 24 47.77	+2.4584	+0.0061	+36 14 0.8	+15.629	+0.218	80.7	288 297	36 4587
10167	7.5	24 54.68	2.4876	0.0059	34 55 30.7	15.635	0.220	87.1	63 517 527 550	34 4436
10168	9.0	24 55.24	2.4810	0.0059	35 13 46.1	15.636	0.220	85.1	54 514 524	35 4546
10169	9.2	25 26.48	2.3801	0.0065	39 39 40.1	15.664	0.210	79.7	37 38	39 4576
10170	8.8	25 32.00	2.4230	0.0063	37 53 5.3	15.669	0.213	86.3	58 59 553 554	37 4328
10171	9.2	21 25 35.06	+2.3897	+0.0064	+39 17 23.2	+15.672	+0.210	84.1	43 46 533	39 4577
10172	8.0	25 43.82	2.4346	0.0063	37 25 1.6	15.680	0.214	80.6	278 286	37 4330
10173	8.8	25 48.17	2.4814	0.0060	35 20 31.9	15.684	0.219	80.7	288 297	35 4552
10174	9.1	25 58.72	2.4604	0.0062	36 18 54.8	15.693	0.216	80.7	302 304	36 4595
10175	7.4	26 4.36	2.4826	0.0060	35 19 26.9	15.699	0.218	85.1	54 514 524	35 4555
10176	7.5	21 26 9.04	+2.4176	+0.0064	+38 12 32.9	+15.703	+0.212	84.1	43 46 533	38 4518
10177	8.7	26 22.02	2.4903	0.0060	35 1 2.6	15.715	0.219	87.1	63 517 527 550	34 4446
10178	7.2	26 24.53	2.3873	0.0065	39 30 57.0	15.717	0.209	79.7	37 38	39 4579
10179	9.4	26 32.14	2.4298	0.0064	37 44 54.1	15.724	0.213	88.8	274 553 554	37 4336
10180	8.5	26 39.41	2.4108	0.0065	38 34 36.8	15.730	0.211	79.8	58 59	38 4519
10181	8.4	21 26 42.42	+2.4281	+0.0064	+37 50 45.6	+15.733	+0.212	80.7	278 286 302 304	37 4337
10182	9.2	27 3.86	2.3959	0.0066	39 15 48.0	15.752	0.209	79.7	37 38	39 4581
10183	8.8	27 9.57	2.4228	0.0065	38 8 45.2	15.758	0.211	82.2	7 Beob. [1]	38 4521
10184	9.2	27 20.21	2.4442	0.0064	37 14 30.2	15.767	0.213	80.7	288 297	37 4340
10185	8.3	27 28.32	2.4828	0.0062	35 31 37.9	15.774	0.216	85.1	54 514 524	35 4560
10186	8.4	21 27 34.55	+2.4900	+0.0061	+35 12 45.2	+15.780	+0.217	87.1	63 517 527 550	35 4561
10187	8.5	27 37.71	2.4779	0.0062	35 46 37.1	15.783	0.216	85.1	63 517 550	35 4562
10188	9.0	27 39.71	2.3985	0.0066	39 14 58.2	15.785	0.209	88.5	59 553 554	39 4586
10189	9.0	27 42.62	2.4204	0.0065	38 19 48.7	15.787	0.210	84.8	325 328 545	38 4526
10190	8.6	27 42.78	2.4729	0.0063	36 1 0.6	15.788	0.215	85.1	54 514 524	35 4564
10191	8.6	21 27 47.29	+2.4163	+0.0066	+38 31 10.2	+15.792	+0.209	80.6	278 286	38 4527
10192	8.6	27 53.41	2.3891	0.0067	39 40 33.9	15.797	0.208	84.1	43 46 533	39 4588
10193	7.0	27 54.83	2.3848	0.0067	39 51 17.6	15.798	0.207	79.8	58 59	39 4589
10194	9.1	27 58.24	2.3835	0.0067	39 54 59.0	15.801	0.207	80.6	274 281	39 4590
10195	9.1	28 11.51	2.3796	0.0068	40 6 44.3	15.813	0.206	79.7	37 38	40 4565
10196	8.9	21 28 15.53	+2.4267	+0.0066	+38 8 54.4	+15.817	+0.210	93.5	554 712 716	38 4528
10197	9.1	28 23.47	2.3864	0.0066	39 51 52.5	15.824	0.207	80.6	274 281	39 4593
10198	9.0	28 26.00	2.4518	0.0065	37 4 36.1	15.826	0.212	80.7	288 297	36 4606
10199	8.3	28 30.85	2.4317	0.0066	37 58 24.6	15.831	0.210	80.7	302 304	37 4346
10200	8.6	28 34.72	2.4331	0.0066	37 55 12.3	15.834	0.210	80.8	344 346	37 4347

[1] Z. 43 46 55 274 281 330 333

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10201	8.8	21h 28m 38s.59	+2s.4001	+0s.0067	+39° 23′ 11″.6	+15″.838	+0″.208	86.6	58 59 561 705	39° 4594
10202	9.0	28 44.50	2.4416	0.0065	37 34 34.1	15.843	0.211	84.8	325 328 545	37 4350
10203	9.4	28 49.69	2.4872	0.0063	35 31 45.8	15.848	0.215	80.7	288 297	35 4570
10204	7.8	29 4.30	2.4950	0.0063	35 12 8.3	15.861	0.215	85.1	63 517 550	35 4573
10205	8.7	29 11.65	2.3889	0.0068	39 53 17.3	15.867	0.206	86.3	43 46 533 554	39 4597
10206	8.6	21 29 12.74	+2.4844	+0.0064	+35 43 3.9	+15.868	+0.214	80.7	302 304	35 4575
10207	9.2	29 13.42	2.4038	0.0068	39 16 23.0	15.869	0.207	79.7	37 38	39 4596
10208	8.7	29 13.53	2.3938	0.0068	39 41 20.4	15.869	0.206	80.6	274 281	39 4598
10209	8.8	29 18.10	2.4320	0.0066	38 4 55.8	15.873	0.209	84.8	325 328 545	37 4353
10210	9.0	29 22.50	2.4721	0.0065	36 18 36.9	15.877	0.213	80.8	344 346	36 4610
10211	8.6	21 29 36.11	+2.4382	+0.0066	+37 51 35.2	+15.889	+0.210	80.8	344 346	37 4357
10212	8.0	29 37.63	2.4944	0.0063	35 19 3.8	15.890	0.215	85.1	54 514 524	35 4576
10213	5.4	29 40.43	2.4358	0.0067	37 58 28.2	15.893	0.209	88.5	5 Beob. [1]	37 4359
10214	8.7	29 40.77	2.4901	0.0064	35 31 30.3	15.893	0.214	80.7	288 297	35 4577
10215	8.5	29 42.27	2.4131	0.0068	38 57 29.8	15.894	0.207	89.1	278 561 705	38 4539
10216	7.0	21 29 55.14	+2.4157	+0.0068	+38 52 45.4	+15.906	+0.207	79.8	58 59	38 4542
10217	9.1	30 4.00	2.4213	0.0068	38 39 52.1	15.914	0.208	80.6	278 286	38 4543
10218	8.4	30 4.70	2.4936	0.0064	35 25 18.1	15.914	0.214	80.7	302 304	35 4579
10219	9.1	30 24.56	2.4842	0.0065	35 54 37.9	15.932	0.213	85.1	54 514 524	35 4581
10220	8.3	30 31.75	2.4001	0.0069	39 38 18.1	15.938	0.205	80.0	37 38 295	39 4601
10221	7.9	21 30 38.72	+2.4020	+0.0069	+39 34 33.6	+15.944	+0.205	84.1	43 46 533	39 4602
10222	8.5	30 44.52	2.4082	0.0069	39 19 41.9	15.950	0.206	79.7	39 40	39 4603
10223	8.6	30 44.98	2.4555	0.0067	37 16 19.8	15.950	0.210	85.1	63 517 550	37 4365
10224	9.1	30 52.58	2.3928	0.0070	39 59 51.2	15.957	0.204	86.8	291 293 542 555	39 4604
10225	8.2	30 56.86	2.4015	0.0070	39 38 52.2	15.961	0.205	90.8	5 Beob. [2]	39 4606
10226	8.2	21 31 1.38	+2.4554	+0.0067	+37 19 3.0	+15.964	+0.209	80.8	344 346	37 4367
10227	9.4	31 2.41	2.4061	0.0070	39 28 9.4	15.965	0.205	80.7	308 312	39 4607
10228	8.3	31 7.35	2.4355	0.0068	38 13 0.3	15.970	0.208	80.7	314 318	38 4550
10229	9.2	31 10.47	2.4626	0.0067	37 1 15.3	15.972	0.210	80.7	288 297	36 4613
10230	9.5[3]	31 17.66	2.4031	0.0070	39 38 8.2	15.979	0.205	93.8	716 717	39 4610
10231	8.8	21 31 22.79	+2.3904	+0.0071	+40 10 48.0	+15.983	+0.203	84.1	41 51 531	40 4578
10232	9.5	31 24.64	2.4821	0.0066	36 10 1.5	15.985	0.211	90.0	8 Beob. [4]	36 4614
10233	8.1	31 29.81	2.4207	0.0070	38 55 12.4	15.990	0.206	80.7	308 312	38 4551
10234	8.6	31 30.30	2.4722	0.0067	36 38 8.5	15.990	0.210	85.1	54 514 524	36 4615
10235	9.0	31 32.95	2.4283	0.0069	38 35 51.2	15.992	0.206	89.3	291 710 711	38 4552
10236	9.3	21 31 38.62	+2.4357	+0.0069	+38 17 33.2	+15.997	+0.207	79.7	39 40	38 4553
10237	8.6	31 47.17	2.4108	0.0070	39 23 12.8	16.005	0.205	84.1	41 51 531	39 4611
10238	**5.0**	**31 56.41**	**2.4004**	**0.0071**	**39 51 9.1**	**16.013**	**0.204**		**Fund. Cat.**	**39 4612**
10239	6.9	32 44.34	2.4291	0.0071	38 45 19.1	16.055	0.205	80.7	308 312	38 4558
10240	8.4	32 58.81	2.4388	0.0070	38 22 2.7	16.067	0.206	79.7	39 40	38 4560
10241	8.7	21 33 0.90	+2.4175	+0.0072	+39 18 11.1	+16.069	+0.204	84.1	41 51 531	39 4619
10242	9.0	33 1.14	2.4376	0.0070	38 25 49.0	16.069	0.205	80.7	314 318	38 4561
10243	9.5	33 2.89	2.4197	0.0072	39 12 48.8	16.071	0.204	86.8	295 300 542 555	39 4620
10244	9.4	33 5.59	2.4037	0.0072	39 53 51.7	16.073	0.202	80.7	291 293	39 4621
10245	8.7	33 6.74	2.4526	0.0070	37 46 47.3	16.074	0.207	80.7	302 304	37 4378
10246	8.0	21 33 25.93	+2.4274	+0.0072	+38 56 51.5	+16.091	+0.204	80.7	295 300	38 4563
10247	9.0	33 29.59	2.4536	0.0070	37 47 53.1	16.094	0.206	80.7	302 304	37 4382
10248	9.3	33 35.19	2.5056	0.0067	35 24 20.0	16.099	0.211	85.1	54 514 524	35 4596
10249	8.3[5]	33 43.70	2.4974	0.0068	35 49 6.1	16.107	0.210	85.1	63 517 550	35 4599
10250	8.6	33 45.78	2.4419	0.0071	38 21 41.3	16.108	0.205	80.7	291 293	38 4564

[1] Z. 708 710 711; M 146 147
[2] Z. 300 538 562 708 712
[3] Dpl. austr.
[4] Z. 302 304 538 562 708 712 716 717
[5] Dpl. 10″ bor. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10251	9.0	21h 33m 52s.64	+2s.4876	+0s.0069	+36° 18' 12".6	+16".114	+0".209	80.7	288 297	36° 4630
10252	8.2	33 53.02	2.5050	0.0067	35 28 48.6	16.115	0.210	85.1	54 514 524	35 4600
10253	8.4	34 15.40	2.4111	0.0073	39 46 50.8	16.134	0.202	79.8	41 51	39 4625
10254	8.2	34 23.82	2.4048	0.0074	40 4 20.9	16.141	0.201	86.3	39 40 542 555	39 4627
10255	8.8	34 32.95	2.4217	0.0073	39 22 39.1	16.149	0.202	79.7	39 40	39 4630
10256	9.2	21 34 39.57	+2.4697	+0.0070	+37 15 29.1	+16.155	+0.206	80.7	302 304	37 4388
10257	9.0	34 48.42	2.4694	0.0071	37 17 47.4	16.163	0.206	80.7	295 300	37 4390
10258	7.0	34 48.63	2.4325	0.0073	38 56 57.6	16.163	0.203	89.4	7 Beob.[1]	38 4567
10259	7.5	34 59.02	2.5006	0.0069	35 51 57.6	16.172	0.208	85.1	63 517 550	35 4603
10260	9.2	35 16.12	2.5109	0.0069	35 25 15.1	16.186	0.209	81.3	54 514	35 4604
10261	9.5	21 35 24.04	+2.4476	+0.0073	+38 22 52.6	+16.193	+0.203	88.4	5 Beob.[2]	38 4571
10262	9.0	35 37.12	2.4847	0.0071	36 43 9.0	16.205	0.206	80.7	288 297	36 4642
10263	9.3	35 38.97	2.5073	0.0069	35 39 26.8	16.206	0.208	80.7	302 304	35 4605
10264	8.5	35 46.96	2.4471	0.0074	38 27 56.6	16.213	0.203	80.7	291 293	38 4574
10265	9.1	35 48.21	2.5033	0.0070	35 52 16.3	16.214	0.207	80.7	288 297	35 4606
10266	8.8	21 35 51.02	+2.4936	+0.0071	+36 20 34.6	+16.216	+0.206	80.8	344 346	36 4644
10267	8.0	36 5.69	2.5247	0.0068	34 53 4.4	16.229	0.209	85.1	63 517 550	*34 4496*
10268	8.8	36 7.42	2.4275	0.0076	39 23 21.6	16.231	0.201	79.7	39 40	39 4639
10269	8.3	36 7.51	2.4996	0.0071	36 6 0.7	16.231	0.206	80.8	330 333	36 4646
10270	8.1	36 13.47	2.4389	0.0075	38 54 22.7	16.236	0.202	80.7	295 300	38 4576
10271	8.7	21 36 19.82	+2.4916	+0.0071	+36 31 5.7	+16.241	+0.206	85.1	54 514 524	36 4647
10272	9.1	36 28.41	2.4094	0.0076	40 13 37.2	16.249	0.199	79.8	41 51	40 4610
10273	6.5	36 32.62	2.4094	0.0076	40 14 17.4	16.252	0.199	87.6	5 Beob.[3]	40 4611
10274	9.4	36 36.63	2.4156	0.0076	39 58 57.2	16.256	0.199	90.8	5 Beob.[4]	39 4641
10275	5.8	36 44.83	2.5257	0.0069	34 56 28.6	16.263	0.208	85.1	63 517 550	34 4500
10276	8.1	21 36 46.07[5]	+2.4169	+0.0076	+39 57 24.8	+16.264	+0.199	79.7 80.0	39 40 291	39 4642
10277	7.8	36 50.98	2.4977	0.0072	36 18 42.8	16.268	0.206	80.7	302 304	36 4650
10278	7.7	36 56.58	2.4838	0.0072	36 58 54.7	16.273	0.204	80.8	344 346	36 4651
10279	8.8	37 4.58	2.4515	0.0075	38 29 15.4	16.279	0.202	80.7	308 312	38 4581
10280	7.3	37 8.67	2.4412	0.0076	38 57 22.8	16.283	0.201	80.7	295 300	38 4582
10281	9.0	21 37 9.24	+2.4610	+0.0074	+38 4 21.6	+16.283	+0.202	80.7	314 318	37 4398
10282	8.9	37 11.74	2.4985	0.0071	36 19 54.3	16.285	0.206	80.8	302 330 333	36 4654
10283	9.1	37 17.13	2.4940	0.0072	36 33 29.1	16.290	0.204	89.8	7 Beob.[6]	36 4655
10284	8.8	37 17.33	2.4478	0.0075	38 41 18.4	16.290	0.201	80.7	291 293	38 4583
10285	9.1	37 29.60	2.5124	0.0071	35 42 44.3	16.301	0.206	80.7	288 297	35 4614
10286	8.9	21 37 36.07	+2.5004	+0.0072	+36 18 22.2	+16.306	+0.205	89.4	304 710 711	36 4657
10287	8.6	37 36.29	2.4677	0.0074	37 50 30.0	16.306	0.202	89.1	6 Beob.[7]	37 4401
10288	8.4	37 43.32	2.5188	0.0071	35 26 26.0	16.312	0.206	85.1	54 514 524	35 4616
10289	9.2	37 44.61	2.4863	0.0073	36 59 56.4	16.313	0.203	80.8	344 346	36 4660
10290	6.8	37 45.20	2.4792	0.0074	37 20 1.5	16.314	0.203	80.8	330 333	37 4404
10291	8.3	21 37 48.06	+2.4733	+0.0074	+37 36 56.2	+16.316	+0.203	80.7	308 312	37 4405
10292	8.5	37 49.93	2.4941	0.0073	36 38 56.6	16.318	0.204	87.1	63 517 527 550	36 4662
10293	9.5	37 50.29	2.4721	0.0074	37 40 40.0	16.318	0.203	80.7	295 300	37 4406
10294	8.2	37 51.00	2.4426	0.0077	39 0 59.6	16.319	0.200	79.7	39 40	38 4585
10295	7.5	38 6.10	2.4780	0.0074	37 26 45.9	16.332	0.202	80.7	288 297	37 4407
10296	8.8	21 38 8.27	+2.4234	+0.0078	+39 54 31.1	+16.333	+0.198	84.1	41 51 531	39 4650
10297	5.9	38 15.63	2.4729	0.0075	37 42 43.5	16.340	0.202	87.2	19 Beob.[8]	37 4408
10298	9.3	38 17.93	2.4762	0.0074	37 33 47.9	16.342	0.202	80.7	295 300	37 4409
10299	7.9	38 26.76	2.4731	0.0075	37 44 0.2	16.349	0.202	80.7	291 293	37 4410
10300	9.1	38 47.96	2.5217	0.0072	35 28 23.3	16.367	0.205	85.1	54 514 524	35 4619

[1] Z. 41 51 531 538 562 708 712 [2] Z. 291 293 555 716 717 [3] Z. 41 51 531 542 555
[4] Z. 293 538 562 708 712 [5] Z. 291 [45s.12] [6] Z. 330 333 538 562 712 716 717 [7] Z. 314 318 542 555 716 717
[8] Z. 302 304 308 312 314 318 344 346 538 542 555 562 708 710 711 712 716 717; M43

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10301	8.7	21h 39m 8s.69	+2s.5317	+0s.0071	+35° 2' 13".9	+16".384	+0".206	87.1	63 517 527 550	34° 4512
10302	8.9	39 14.52	2.4556	0.0078	38 40 20.7	16.389	0.199	87.6	5 Beob. [1]	38 4593
10303	9.1	39 31.77	2.5056	0.0074	36 22 50.8	16.404	0.203	80.7	288 297	36 4669
10304	8.7	39 38.75	2.5217	0.0073	35 36 59.9	16.410	0.204	89.8	7 Beob. [2]	35 4621
10305	8.6	39 41.89	2.4508	0.0079	38 58 9.5	16.412	0.198	91.0	5 Beob. [3]	38 4597
10306	8.5	21 39 44.89	+2.4944	+0.0075	+36 57 24.5	+16.415	+0.201	80.7	288 297	36 4671
10307	9.6	39 46.75	2.4278	0.0080	40 0 14.4	16.416	0.196	90.8	5 Beob. [4]	39 4655
10308	9.1	39 56.09	2.4757	0.0077	37 51 59.9	16.424	0.200	80.7	308 312	37 4416
10309	9.0	40 5.14	2.4314	0.0080	39 54 6.1	16.432	0.196	87.6	5 Beob. [5]	39 4658
10310	8.7	40 5.69	2.4788	0.0077	37 45 9.4	16.432	0.200	80.8	344 346	37 4418
10311	8.8	21 40 21.24	+2.4993	+0.0075	+36 49 33.2	+16.445	+0.201	80.7	302 304	36 4674
10312	8.5	40 25.88	2.4339	0.0080	39 51 0.9	16.449	0.196	79.7	39 40	39 4661
10313	6.4	40 26.75	2.5312	0.0073	35 16 53.6	16.450	0.204	90.1	8 Beob. [6]	35 4626
10314	8.9	40 42.95	2.4336	0.0081	39 54 48.9	16.463	0.195	84.1	41 51 531	39 4663
10315	8.8	40 44.55	2.5206	0.0074	35 51 24.1	16.465	0.203	87.1	63 517 527 550	35 4629
10316	8.7	21 40 59.45	+2.5019	+0.0076	+36 48 49.8	+16.477	+0.200	80.7	302 304	36 4675
10317	8.9	41 5.98	2.4564	0.0080	38 57 47.1	16.482	0.197	80.7	291 293	38 4601
10318	8.6	41 16.11	2.5217	0.0075	35 53 40.0	16.491	0.202	85.1	54 514 524	35 4633
10319	8.3	41 18.52	2.4503	0.0081	39 16 26.3	16.493	0.196	79.7	39 40	39 4667
10320	9.0	41 20.30	2.5126	0.0076	36 21 15.4	16.494	0.201	80.8	344 346	36 4677
10321	9.4	21 41 23.55	+2.4854	+0.0078	+37 40 6.4	+16.497	+0.199	80.7	308 312	37 4420
10322	9.5	41 31.72	2.5118	0.0076	36 25 22.2	16.504	0.201	90.8	5 Beob. [7]	36 4678
10323	7.0	41 33.25	2.4983	0.0077	37 4 51.2	16.505	0.199	80.8	344 346	36 4679
10324	8.9	41 33.94	2.5330	0.0074	35 22 56.0	16.506	0.203	87.2	288 297 711 716	35 4636
10325	9.5	41 38.55	2.4685	0.0080	38 30 9.1	16.510	0.197	85.9 86.8	295 300 542[8] 555	38 4603
10326	9.5	21 41 38.71	+2.4541	+0.0081	+39 9 40.9	+16.510	+0.196	79.7	39 40	39 4670
10327	8.7	41 47.63	2.4614	0.0081	38 51 24.9	16.517	0.196	87.2	291 293 710 711	38 4605
10328	9.1	41 47.77	2.4926	0.0078	37 23 44.9	16.517	0.199	80.8	330 333	[37 4421]
10329	9.1	41 49.97	2.4923	0.0078	37 25 10.8	16.519	0.199	93.3	538 562 708 712	37 4422
10330	8.7	41 50.56	2.4654	0.0080	38 40 53.1	16.519	0.197	80.7	295 300	38 4606
10331	8.0	21 41 51.85	+2.5067	+0.0077	+36 43 51.5	+16.520	+0.200	80.7	288 297	36 4680
10332	8.8	41 53.96	2.4545	0.0081	39 11 10.2	16.522	0.196	84.1	41 51 531	39 4672
10333	8.6	41 56.42	2.4723	0.0080	38 22 46.4	16.524	0.197	80.7	308 312	38 4607
10334	8.9	41 58.08	2.4855	0.0078	37 45 53.6	16.526	0.198	89.1	6 Beob. [9]	37 4423
10335	9.0	42 8.02	2.5437	0.0074	34 56 17.0	16.534	0.203	87.1	63 517 527 550	*34 4526*
10336	8.2	21 42 38.75	+2.5456	+0.0074	+34 55 33.8	+16.559	+0.202	87.1	63 517 527 550	*34 4530*
10337	8.5	42 40.79	2.4910	0.0079	37 37 55.1	16.561	0.197	80.7	308 312	37 4425
10338	9.0	42 50.67	2.5278	0.0077	35 51 46.3	16.569	0.200	80.7	288 297	35 4642
10339	6.7	42 52.41	2.5251	0.0077	36 0 3.7	16.570	0.200	85.1	54 514 524	35 4643
10340	8.8	43 0.21	2.4414	0.0083	39 58 42.3	16.577	0.193	90.9	6 Beob. [10]	39 4675
10341	6.3	21 43 8.15	+2.4769	+0.0081	+38 22 34.1	+16.583	+0.196	79.7	39 40	38 4611
10342	9.2	43 9.30	2.5001	0.0079	37 16 46.5	16.584	0.198	80.7	302 304	37 4426
10343	6.2	43 17.98	2.4840	0.0080	38 4 6.0	16.591	0.196	80.7	295 300	37 4427
10344	8.0	43 26.47	2.4754	0.0081	38 30 7.5	16.598	0.195	80.7	291 293	38 4612
10345	8.5	43 37.43	2.4992	0.0079	37 24 14.2	16.607	0.197	80.7	302 304	37 4428
10346	8.6	21 43 40.10	+2.4391	+0.0084	+40 12 5.7	+16.609	+0.192	87.6	5 Beob. [11]	40 4642
10347	8.7	43 45.88	2.4431	0.0084	40 2 20.8	16.614	0.192	79.7	39 40	39 4677
10348	9.0	43 54.32	2.4977	0.0080	37 31 32.4	16.621	0.196	80.7	308 312	37 4430
10349	8.8	44 3.18	2.5042	0.0079	37 14 17.2	16.628	0.197	89.4	6 Beob. [12]	37 4431
10350	9.3	44 4.18	2.4616	0.0083	39 15 20.6	16.629	0.193	80.7	291 293	39 4679

[1] Z. 41 51 531 542 555
[2] Z. 54 514 524 538 562 708 712
[3] Z. 295 710 711 716 717
[4] Z. 291 710 711(½) 716 717
[5] Z. 41 51 531 542 555
[6] Z. 63 517 527 538 550 562 708 712
[7] Z. 302 538 562 708 712
[8] *a* Gew. ½
[9] Z. 314 318 542 555 716 717
[10] Z. 41 531 538 562 708 712
[11] Z. 41 51 531 542 555
[12] Z. 288 297 710 711 716 717

Nr.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
10351	8.1	21h 44m 5s.18	+2s.4933	+0s.0081	+37° 45′ 58″.3	+16″.630	+0″.196	80.7	314 318	37° 4433
10352	8.8	44 5.77	2.5151	0.0079	36 42 52.4	16.630	0.197	81.3	54 514	36 4684
10353	8.7	44 6.09	2.4950	0.0080	37 41 26.1	16.631	0.196	80.8	344 346	37 4432
10354	8.0	44 12.59	2.5198	0.0079	36 29 59.9	16.636	0.198	89.8	7 Beob. [1]	36 4685
10355	8.6	44 17.90	2.4922	0.0081	37 51 38.9	16.640	0.195	89.1	6 Beob. [2]	37 4434
10356	8.0	21 44 17.99	+2.5396	+0.0077	+35 31 9.0	+16.640	+0.199	85.1	54 514 524	35 4647
10357	8.7	44 19.51	2.4805	0.0082	38 25 8.8	16.642	0.194	80.7	295 300	38 4614
10358	8.7	44 22.17	2.5008	0.0080	37 27 39.1	16.644	0.196	87.2	302 304 710 711	37 4435
10359	8.6	44 43.83	2.5080	0.0080	37 10 16.4	16.661	0.196	80.7	295 300	37 4438
10360	7.9	45 15.65	2.5133	0.0080	37 0 26.8	16.687	0.196	87.1	63 517 527 550	36 4691
10361	9.2	21 45 16.55	+2.5488	+0.0077	+35 13 9.8	+16.688	+0.199	80.7	288 297	35 4655
10362	7.7	45 16.68	2.4748	0.0084	38 51 32.3	16.688	0.192	84.1	41 51 531	38 4618
10363	8.6	45 43.17	2.4731	0.0085	39 1 31.9	16.709	0.192	79.7	39 40	38 4619
10364	6.6	45 54.83	2.4754	0.0085	38 57 7.4	16.719	0.192	80.7	291 293 295 300	38 4621
10365	8.9	45 54.89	2.5448	0.0078	35 32 23.7	16.719	0.197	85.1	54 514 524	35 4658
10366	9.2	21 46 0.47	+2.4841	+0.0084	+38 33 32.2	+16.723	+0.192	80.7	308 312	38 4622
10367	9.3	46 11.76	2.4727	0.0085	39 7 40.6	16.732	0.191	84.1	41 51 531	39 4689
10368	8.8	46 19.09	2.5301	0.0080	36 21 46.5	16.738	0.196	87.1	63 517 527 550	36 4695
10369	9.5	46 34.92	2.4904	0.0084	38 21 44.5	16.751	0.192	80.7	314 318	38 4624
10370	8.0	46 39.21	2.4591	0.0087	39 30 52.1	16.754	0.189	80.7	291 293	39 4691
10371	7.9	21 46 44.89	+2.5018	+0.0083	+37 50 37.7	+16.759	+0.193	80.7	302 304	37 4441
10372	8.9	46 46.07	2.5592	0.0078	34 56 39.2	16.760	0.198	87.1	63 517 527 550	34 4549
10373	7.7	46 49.54	2.4912	0.0085	38 22 4.0	16.763	0.192	80.7	314 318	38 4625
10374	8.9	46 59.76	2.5028	0.0084	37 50 39.6	16.771	0.193	80.8	344 346	37 4443
10375	8.3	47 2.92	2.4927	0.0085	38 20 7.2	16.773	0.192	80.7	308 312	38 4626
10376	8.3	21 47 5.37	+2.4744	+0.0087	+39 12 55.1	+16.775	+0.190	88.0[3]	5 Beob. [4]	39 4694
10377	9.1	47 13.96	2.4621	0.0089	39 48 57.4	16.782	0.189	79.7	39 40	39 4696
10378	8.8	47 15.10	2.5259	0.0082	36 44 39.5	16.783	0.194	89.4	6 Beob. [5]	36 4699
10379	9.4	47 19.65	2.4731	0.0087	39 19 7.6	16.787	0.190	80.7	295 300	39 4697
10380	8.7	47 20.51	2.4751	0.0087	39 13 39.2	16.787	0.190	86.8	291 293 542 555	39 4698
10381	6.4	21 47 35.57	+2.4967	+0.0085	+38 14 54.8	+16.799	+0.192	79.7	39 40	38 4630
10382	8.4	47 44.68	2.5074	0.0084	37 45 22.1	16.807	0.192	80.7	295 300	37 4444
10383	7.1	48 1.86	2.5523	0.0080	35 32 22.3	16.820	0.195	85.1	54 514 524	35 4664
10384	9.3	48 4.38	2.4620	0.0089	39 58 29.6	16.822	0.188	84.1	41 51 531	39 4699
10385	8.8	48 4.66	2.5567	0.0080	35 18 42.2	16.823	0.195	87.1	63 517 527 550	35 4665
10386	9.2	21 48 14.77	+2.5473	+0.0081	+35 50 6.0	+16.831	+0.194	80.7	288 297	35 4666
10387	8.7	48 15.49	2.5584	0.0080	35 15 19.3	16.831	0.195	80.7	302 304	35 4669
10388	9.5	48 15.76	2.5533	0.0081	35 31 44.5	16.831	0.195	80.7	302 304	35 4668
10389	8.9	48 37.78	2.4674	0.0089	39 50 2.1	16.849	0.188	80.7	291 293	39 4701
10390	8.7	48 39.32	2.5299	0.0083	36 48 4.9	16.850	0.192	80.7	288 297	36 4702
10391	8.7	21 48 41.10	+2.4622	+0.0090	+40 5 18.5	+16.851	+0.187	84.1	41 51 531	40 4664
10392	7.4	48 41.83	2.5461	0.0082	35 58 55.9	16.852	0.194	87.1	63 517 527 550	35 4670
10393	8.9	48 48.52	2.5540	0.0081	35 35 27.7	16.857	0.194	85.1	54 514 524	35 4671
10394	9.1	48 59.53	2.4805	0.0089	39 17 15.7	16.866	0.188	79.7	39 40	39 4703
10395	9.0	49 15.19	2.4839	0.0089	39 10 35.8	16.878	0.188	80.7	295 300	39 4704
10396	8.9	21 49 26.57	+2.5161	+0.0086	+37 38 37.8	+16.887	+0.190	80.7	308 312	37 4451
10397	9.0	49 32.35	2.5123	0.0086	37 51 6.4	16.892	0.190	80.7	302 304	37 4452
10398	9.0	49 33.92	2.4816	0.0089	39 20 42.2	16.893	0.187	80.7	291 293	39 4706
10399	8.9	49 45.26	2.5077	0.0087	38 7 3.6	16.902	0.189	80.7	295 300	38 4636
10400	8.8	49 53.89	2.5540	0.0082	35 47 14.8	16.909	0.193	87.1	63 517 527 550	35 4674

[1] Z. 63 517 527 550 562 708 712 [2] Z. 308 312 542 555 716 717 [3] E.B. +0s.034 +0″.03
[4] Z. 41 51 531 716 717 [5] Z. 54 514 524 538 562 712

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
10401	9.1	21h 49m 54s.17	+2s.4817	+0s.0090	+39° 24' 24".3	+16".909	+0".187	79.7	39 40	39° 4708
10402	6.7	50 0.99	2.5588	0.0082	35 33 20.1	16.914	0.193	85.1	54 514 524	35 4675
10403	8.4	50 2.25	2.5439	0.0084	36 20 20.9	16.915	0.192	80.7	288 297	36 4709
10404	8.9	50 19.37	2.5077	0.0088	38 13 31.3	16.929	0.188	80.7	295 300	38 4638
10405	7.7	50 30.23	2.4667	0.0092	40 13 53.0	16.937	0.185	84.1	41 51 531	40 4672
10406	9.2[1]	21 50 30.46	+2.5392	+0.0085	+36 40 23.3	+16.937	+0.191	88.2	5 Beob. [2]	36 4710
10407	9.0	50 31.49	2.5030	0.0089	38 29 49.3	16.938	0.188	90.6	5 Beob. [3]	38 4639
10408	8.2	51 4.40	2.5489	0.0085	36 16 46.2	16.964	0.191	89.0	6 Beob. [4]	36 4712
10409	9.1	51 17.59	2.5405	0.0086	36 45 25.4	16.974	0.190	80.7	302 304	36 4714
10410	8.8	51 31.13	2.5645	0.0084	35 32 26.6	16.985	0.191	85.1	54 514 524	35 4680
10411	9.0	21 51 31.17	+2.4741	+0.0093	+40 4 31.7	+16.985	+0.184	84.1	41 51 531	39 4716
10412	9.5	51 32.59	2.5332	0.0087	37 10 33.9	16.986	0.189	80.7	308 312	37 4456
10413	9.0	51 47.06	2.5371	0.0087	37 1 25.2	16.997	0.189	80.7	302 304	36 4716
10414	9.1	51 47.14	2.5314	0.0088	37 19 0.5	16.997	0.188	80.7	308 312	37 4457
10415	9.0	51 56.39	2.5234	0.0089	37 44 57.5	17.004	0.187	80.7	295 300	37 4458
10416	8.2	21 52 3.85	+2.4921	+0.0092	+39 19 32.4	+17.010	+0.185	84.1	41 51 531	39 4720
10417	8.3	52 13.39	2.5031	0.0091	38 49 9.4	17.017	0.185	80.7	291 293	38 4640
10418	9.3	52 14.99	2.5635	0.0085	35 43 41.1	17.019	0.190	80.7	288 297	35 4681
10419	8.7	52 20.36	2.5503	0.0086	36 26 35.3	17.023	0.189	87.1	63 517 527 550	36 4719
10420	8.7	52 26.33	2.5456	0.0087	36 42 41.2	17.027	0.189	89.1	6 Beob. [5]	36 4720
10421	9.4	21 52 29.30	+2.4968	+0.0092	+39 10 35.3	+17.030	+0.184	79.7	39 40	39 4721
10422	9.2	52 37.92	2.5529	0.0086	36 21 58.6	17.036	0.189	80.7	302 304	36 4722
10423	9.3	52 43.61	2.5570	0.0086	36 10 12.5	17.041	0.189	80.7	288 297	36 4723
10424	7.9	52 51.24	2.5155	0.0091	38 19 52.3	17.046	0.185	89.3	7 Beob. [6]	38 4643
10425	9.3	53 0.15	2.5202	0.0091	38 7 17.2	17.053	0.185	79.7	39 40	38 4644
10426	8.6	21 53 8.68	+2.5709	+0.0085	+35 30 9.5	+17.060	+0.190	85.1	54 514 524	35 4683
10427	8.4	53 20.25	2.5606	0.0086	36 5 35.8	17.069	0.188	87.1	63 517 527 550	35 4684
10428	9.4	53 28.17	2.5173	0.0092	38 21 28.3	17.075	0.184	88.8	291 542 555	38 4649
10429	8.6	53 36.02	2.5380	0.0090	37 19 36.0	17.081	0.186	80.7	295 300	37 4462
10430	8.8	53 38.67	2.4929	0.0095	39 36 3.3	17.083	0.183	84.1	41 51 531	39 4727
10431	8.1	21 53 40.20	+2.5506	+0.0088	+36 41 15.3	+17.084	+0.187	85.1	54 514 524	36 4727
10432	9.3	53 45.23	2.5355	0.0090	37 29 20.3	17.088	0.186	80.7	295 300	37 4463
10433	8.3	54 7.56	2.5231	0.0092	38 11 55.3	17.105	0.184	79.7	39 40	38 4651
10434	8.0	54 11.57	2.5393	0.0090	37 22 39.7	17.108	0.186	80.7	302 304	37 4465
10435	9.0	54 12.62	2.5823	0.0085	35 5 8.9	17.109	0.189	87.1	63 517 527 550	34 4580
10436	8.9	21 54 29.38	+2.5558	+0.0089	+36 34 14.3	+17.121	+0.186	80.7	288 297	36 4729
10437	9.0	54 41.05	2.5267	0.0092	38 7 23.2	17.130	0.184	79.7	39 40	38 4652
10438	8.6	54 45.90	2.5169	0.0094	38 38 2.0	17.134	0.183	87.6	5 Beob. [7]	38 4653
10439	9.3	55 9.92	2.5379	0.0092	37 38 37.7	17.152	0.184	86.8	291 293 542 555	37 4467
10440	8.9	55 21.70	2.5574	0.0090	36 39 37.0	17.161	0.185	80.7	288 297	36 4733
10441	9.1	21 55 32.97	+2.5723	+0.0088	+35 53 26.9	+17.169	+0.186	85.1	54 514 524	35 4690
10442	7.0	55 37.87	2.5146	0.0095	38 55 33.2	17.173	0.181	80.7	291 293	38 4655
10443	9.0	55 38.27	2.5823	0.0087	35 21 43.5	17.174	0.187	87.1	63 517 527 550	35 4691
10444	8.9	55 38.64	2.5638	0.0090	36 22 10.2	17.174	0.185	80.7	288 297	36 4735
10445	8.8	55 46.18	2.4911	0.0098	40 7 2.8	17.179	0.181	84.1	41 51 531	40 4698
10446	6.8	21 55 50.73	+2.5210	+0.0095	+38 38 43.5	+17.183	+0.182	86.2	39 40 542 555	38 4656
10447	8.0	55 56.81	2.5748	0.0089	35 49 55.4	17.187	0.186	85.1	54 514 524	35 4692
10448	8.8	55 58.09	2.5348	0.0094	37 58 11.5	17.188	0.182	80.7	308 312	37 4469
10449	8.8	56 10.34	2.5591	0.0091	36 43 40.3	17.198	0.184	80.7	302 304	36 4738
10450	9.2	56 11.48	2.5495	0.0092	37 14 37.1	17.198	0.184	80.8	344 346	37 4470

[1] Dpl. 12" austr. seq. [2] Z. 288 297 538 562 712 [3] Z. 39 542 555 716 717 [4] Z. 63 517 527 542 550 555
[5] Z. 344 346 542 555 716 717 [6] Z. 41 51 531 538 562 708 712 [7] Z. 41 51 531 542 555

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10451	8.9	21h 56m 14s.21	+2s.5279	+0s.0095	+38° 22′ 38″.5	+17″.201	+0″.182	80.7	295 300	38° 4657
10452	8.5	56 27.11	2.5614	0.0091	36 39 34.3	17.210	0.184	87.1	63 517 527 550	36 4739
10453	8.4	56 30.31	2.5245	0.0096	38 36 11.1	17.213	0.181	80.7	291 293	38 4659
10454	7.5	56 34.03	2.5677	0.0091	36 20 40.6	17.215	0.184	80.8	302 344 346	36 4740
10455	8.4	56 38.14	2.5527	0.0093	37 9 33.6	17.218	0.183	80.7	308 312	37 4471
10456	9.1	21 56 38.44	+2.5586	+0.0092	+36 50 43.1	+17.219	+0.184	80.7	288 297	36 4741
10457	6.9	56 54.28	2.5683	0.0091	36 22 52.0	17.230	0.184	90.8	5 Beob. [1]	36 4743
10458	9.0	57 0.52	2.5492	0.0094	37 25 19.6	17.235	0.182	80.7	295 300	37 4473
10459	8.4	57 22.23	2.5486	0.0094	37 31 54.2	17.251	0.182	80.7	302 304 308 312	37 4474
10460	8.4	57 25.26	2.5588	0.0093	36 59 34.8	17.254	0.183	80.7	288 297	36 4745
10461	9.2	21 57 29.18	+2.5765	+0.0091	+36 2 56.5	+17.256	+0.184	89.3	6 Beob. [2]	35 4696
10462	8.4	57 29.26	2.5577	0.0093	37 3 53.8	17.256	0.183	88.9	6 Beob. [3]	36 4746
10463	9.2	57 31.92	2.5813	0.0090	35 47 40.8	17.259	0.184	90.7	9 Beob. [4]	35 4697
10464	8.3	57 34.35	2.5245	0.0098	38 49 28.4	17.260	0.180	84.1	41 51 531	38 4667
10465	8.0	57 38.59	2.5221	0.0098	38 57 34.1	17.263	0.179	79.7	39 40	38 4668
10466	9.1	21 57 50.57	+2.5255	+0.0098	+38 49 44.0	+17.272	+0.179	89.4	7 Beob. [5]	38 4670
10467	8.3	58 1.77	2.5591	0.0094	37 6 11.1	17.281	0.183	80.7	295 300	37 4475
10468	8.6	58 38.43	2.5227	0.0100	39 8 12.4	17.308	0.178	82.3	5 Beob. [6]	39 4740
10469	8.9	58 40.93	2.5699	0.0093	36 39 10.0	17.310	0.182	87.1	63 517 527 550	36 4749
10470	8.7	58 41.51	2.5224	0.0100	39 9 51.4	17.310	0.178	93.3	542 555 716 717	39 4741
10471	8.6	21 58 43.02	+2.5969	+0.0090	+35 9 17.9	+17.311	+0.183	85.1	54 514 524	35 4699
10472	9.5	58 50.48	2.5774	0.0093	36 16 18.6	17.317	0.182	80.7	302 304	36 4750
10473	8.9	59 13.68	2.5794	0.0093	36 14 26.6	17.334	0.182	80.8	344 346	36 4753
10474	9.0	59 19.87	2.5873	0.0092	35 49 16.6	17.338	0.182	80.7	288 297	35 4700
10475	9.4	59 23.47	2.5390	0.0099	38 27 15.0	17.341	0.178	93.3	538 562 708 712	38 4673
10476	8.8	21 59 28.42	+2.5983	+0.0091	+35 13 53.9	+17.344	+0.182	85.1	54 514 524	35 4701
10477	9.4	59 41.37	2.5188	0.0102	39 33 15.4	17.354	0.177	88.5	39 542 555	39 4746
10478	8.3	59 42.91	2.5700	0.0095	36 51 40.9	17.355	0.181	80.8	344 346	36 4755
10479	8.9	59 48.29	2.5342	0.0100	38 47 7.1	17.359	0.177	80.7	308 312	38 4676
10480	8.1	59 49.50	2.5326	0.0100	38 52 33.1	17.360	0.177	80.7	314 318	38 4677
10481	7.5	21 59 57.87	+2.5293	+0.0101	+39 4 24.1	+17.366	+0.177	80.7	295 300	38 4678
10482	8.9	22 0 4.23	2.5435	0.0099	38 21 18.6	17.371	0.178	80.7	314 318	38 4679
10483	7.6	0 10.22	2.5912	0.0093	35 46 40.2	17.375	0.181	90.3	5 Beob. [7]	35 4703
10484	9.4	0 12.85	2.5184	0.0103	39 41 17.6	17.377	0.176	80.7	291 293	39 4748
10485	8.6	0 16.23	2.6000	0.0092	35 17 32.1	17.379	0.181	80.7	288 297	35 4704
10486	9.5	22 0 19.70	+2.5873	+0.0093	+36 1 27.7	+17.382	+0.181	80.7	302 304	35 4705
10487	8.6	0 20.83	2.5735	0.0096	36 47 50.1	17.383	0.180	87.1 88.2	5 Beob. [8]	36 4758
10488	9.0	0 40.49	2.6024	0.0092	35 14 30.6	17.397	0.181	80.8	289 329	35 4706
10489	8.9	0 45.83	2.5572	0.0098	37 46 25.3	17.401	0.178	80.7	308 312	37 4487
10490	8.4	0 51.47	2.5269	0.0103	39 23 30.0	17.405	0.175	84.1	41 51 531	39 4751
10491	8.4	22 0 57.96	+2.5345	+0.0102	+39 1 13.4	+17.410	+0.176	79.7	39 40	38 4681
10492	8.8	1 8.57	2.5338	0.0102	39 5 30.0	17.417	0.176	80.7	291 293	38 4682
10493	8.8	1 26.28	2.5769	0.0097	36 50 19.5	17.430	0.179	80.8	289 329	36 4761
10494	9.2	1 30.91	2.5142	0.0105	40 10 42.5	17.433	0.174	80.7	295 300	40 4723
10495	7.9	1 36.26	2.6015	0.0094	35 29 5.4	17.437	0.180	89.6	66 523 539[9] 564[10]	35 4712
10496	9.2	22 1 40.30	+2.5173	+0.0105	+40 3 20.8	+17.440	+0.174	84.1	41 51 531	39 4755
10497	7.8	1 43.92	2.5698	0.0098	37 17 29.4	17.443	0.178	80.7	308 312	37 4489
10498	8.9	1 44.29	2.5664	0.0099	37 28 50.1	17.443	0.177	80.7	295 300	37 4488
10499	8.2	1 45.31	2.6102	0.0093	35 0 50.1	17.444	0.180	88.5	5 Beob. [11]	34 4601
10500	9.0	2 20.77	2.5856	0.0097	36 32 23.7	17.469	0.178	88.0	5 Beob. [12]	36 4766

[1] Z. 304 538 562 708 712
[2] Z. 63 517 527 550 710 711
[3] Z. 63 517 527 542 550 555
[4] Z. 54 514 524 538 562 708 712 716 717
[5] Z. 41 51 531 538 562 708 712
[6] Z. 39 40 41 51 531
[7] Z. 66 523 563 571 580
[8] Z. 351 468 539 543δ 564
[9] Dpl. 2″ med.
[10] Dpl. 2″
[11] Z. 322 519 563 571 580
[12] Z. 331 334 539 546 564

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10501	9.3	22h 2m 24.47s	+2.5775s	+0.0099s	+37° 0' 42.0"	+17.472"	+0.177"	80.8	289 329	36° 4767
10502	7.9	2 26.21	2.5460	0.0103	38 43 57.9	17.473	0.175	80.7	291 293	38 4689
10503	7.9	2 28.77	2.5316	0.0105	39 29 48.3	17.475	0.174	79.7	39 40 51	39 4760
10504	9.4	2 41.57	2.6164	0.0093	34 50 41.2	17.484	0.179	86.3	66 523	*34 4605*
10505	7.5	3 11.77	2.5485	0.0104	38 45 36.3	17.506	0.174	79.7	39 40	38 4693
10506	8.8	22 3 17.45	+2.6164	+0.0094	+34 58 3.6	+17.510	+0.178	88.5	5 Beob. [1]	34 4607
10507	8.4	3 18.44	2.5350	0.0106	39 30 12.9	17.510	0.173	90.0	419 531 706 710	39 4763
10508	9.4	3 23.86	2.5722	0.0101	37 31 13.1	17.514	0.175	80.7	300 308 312	37 4494
10509	8.5	3 25.23	2.5485	0.0105	38 48 39.6	17.515	0.173	80.7	291 293	38 4694
10510	8.9	3 29.33	2.5810	0.0100	37 2 45.8	17.518	0.176	88.0 88.8	6 Beob. [2]	36 4769
10511	8.7	22 3 40.18	+2.5974	+0.0097	+36 9 14.1	+17.526	+0.177	89.4	289 711 712	36 4771
10512	8.5	3 47.20	2.5865	0.0100	36 48 2.1	17.531	0.175	88.9	6 Beob. [3]	36 4772
10513	9.0	3 49.16	2.5380	0.0107	39 27 23.6	17.532	0.173	80.7	295 300	39 4766
10514	8.8	3 53.65	2.5255	0.0108	40 7 32.5	17.535	0.171	84.1	41 51 531	40 4736
10515	9.1	4 0.00	2.5275	0.0108	40 2 36.6	17.540	0.171	87.2	291 293 711 712	39 4767
10516	8.9	22 4 3.97	+2.6046	+0.0097	+35 49 21.9	+17.543	+0.176	89.6	66 523 539 564	35 4718
10517	9.4	4 10.71	2.5319	0.0108	39 51 18.3	17.547	0.171	93.7	706 710 716 717	39 4768
10518	8.7	4 22.20	2.5266	0.0108	40 11 0.4	17.556	0.171	79.7	39 40	40 4742
10519	8.9	4 28.35	2.5695	0.0103	37 54 5.3	17.560	0.173	87.2	314 318 706 710	37 4498
10520	8.6	4 33.85	2.5700	0.0103	37 53 49.3	17.564	0.173	81.3	351 468	37 4499
10521	8.1	22 4 38.85	+2.5295	+0.0109	+40 5 15.9	+17.567	+0.170	80.4	51 291 293	39 4769
10522	8.5	4 39.45	2.5738	0.0102	37 42 20.3	17.567	0.174	84.8	331 334 546	37 4500
10523	9.4	4 42.39	2.5469	0.0107	39 10 48.1	17.570	0.172	80.7	308 312	39 4770
10524	9.3	4 54.52	2.5671	0.0104	38 7 48.1	17.578	0.173	80.7	314 318	38 4697
10525	9.1	4 54.71	2.5426	0.0108	39 27 21.0	17.578	0.171	79.7	39 40	39 4772
10526	8.6	22 4 55.93	+2.5459	+0.0108	+39 17 15.6	+17.579	+0.171	80.7	295 300	39 4773
10527	8.8	5 5.47	2.6117	0.0097	35 37 47.0	17.586	0.175	88.5	5 Beob. [4]	35 4721
10528	7.8	5 10.73	2.5972	0.0100	36 29 32.7	17.590	0.174	80.8	289 329	36 4774
10529	9.1	5 12.05	2.5314	0.0109	40 6 41.3	17.591	0.170	91.3	6 Beob. [5]	40 4748
10530	8.4	5 20.02	2.5407	0.0109	39 38 54.0	17.596	0.170	80.7	295 300	39 4774
10531	9.5	22 5 22.68	+2.6079	+0.0099	+35 54 58.0	+17.598	+0.175	86.4	66 539	35 4724
10532	8.8	5 27.00	2.5530	0.0108	39 1 6.8	17.601	0.171	89.4	6 Beob. [6]	38 4698
10533	8.7	5 40.98	2.5309	0.0110	40 14 36.4	17.611	0.169	84.1	41 51 531	40 4751
10534	9.3	5 41.52	2.5608	0.0107	38 39 1.3	17.611	0.171	81.3	351 468	38 4699
10535	6.8	5 44.23	2.6137	0.0098	35 38 55.6	17.613	0.174	89.2	6 Beob. [7]	35 4725
10536	8.4	22 5 45.89	+2.5962	+0.0101	+36 40 43.7	+17.614	+0.174	80.8	289 329	36 4780
10537	9.5	5 47.16	2.6256	0.0097	34 56 54.5	17.615	0.175	80.9	357 358	34 4617
10538	7.7	5 56.61	2.5451	0.0109	39 33 11.2	17.622	0.170	79.7	39 40	39 4775
10539	6.9	6 1.64	2.5540	0.0108	39 5 49.3	17.625	0.170	89.4	6 Beob. [8]	38 4701
10540	9.5	6 9.06	2.5951	0.0102	36 49 46.2	17.630	0.173	88.4	5 Beob. [9]	36 4781
10541	9.5	22 6 16.43	+2.5342	+0.0111	+40 12 22.8	+17.635	+0.168	80.7	291 293	40 4753
10542	7.3	6 21.72	2.5788	0.0105	37 48 1.0	17.639	0.171	80.9	345 347	37 4506
10543	8.7	6 25.80	2.6208	0.0098	35 22 51.7	17.642	0.174	92.9	523 539 543 564	35 4729
10544	9.5	6 27.02	2.5451	0.0110	39 40 0.4	17.643	0.169	80.7	295 300	39 4777
10545	8.9	6 28.64	2.5541	0.0109	39 11 34.9	17.644	0.170	80.7	308 312	39 4778
10546	8.4	22 6 32.30	+2.5684	+0.0107	+38 25 20.9	+17.647	+0.170	81.3	351 468	38 4703
10547	8.0 [10]	6 34.21	2.5931	0.0103	37 2 6.3	17.648	0.172	84.8	331 334 546	36 4785
10548	7.9	6 38.12	2.5893	0.0104	37 16 14.3	17.650	0.172	80.9	357 358	37 4507
10549	9.3	6 59.39	2.6207	0.0099	35 30 24.8	17.665	0.173	80.8	289 329	35 4732
10550	9.0	7 8.39	2.5540	0.0110	39 20 49.3	17.671	0.169	80.7	291 293	39 4780

[1] Z. 322 519 563 571 580 [2] Z. 331 334 539 543δ 546 564 [3] Z. 331 334 546 563 571 580
[4] Z. 322 519 563 571 580 [5] Z. 41 531 711 712 716 717 [6] Z. 308 312 706 710 716 717
[7] Z. 322 519 521 563 571 580 [8] Z. 314 318 711 712 716 717 [9] Z. 331 334 546 706 710 [10] Dpl. austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec	Ep.	Zonen	B.D.
10551	9.3	22^h 7^m $8^s.38$	$+2^s.5395$	$+0^s.0112$	+40° 7′ 31″.1	+17″.671	+0″.167	84.1	41 51 531	40° 4755
10552	8.3	7 11.60	2.5431	0.0112	39 56 52.8	17.674	0.168	80.7	291 293	39 4782
10553	9.2	7 12.63	2.5789	0.0107	37 59 21.9	17.674	0.170	81.3	351 468	37 4510
10554	9.3	7 13.96	2.5673	0.0109	38 38 32.0	17.675	0.169	88.2	5 Beob. [1]	38 4706
10555	9.1	7 17.02	2.5804	0.0107	37 55 20.8	17.677	0.170	80.7	308 312	37 4511
10556	7.9	22 7 17.96	+2.5888	+0.0105	+37 26 41.2	+17.678	+0.170	80.8	289 329	37 4512
10557	8.8	7 23.27	2.5764	0.0107	38 10 7.5	17.682	0.170	80.9	357 358	38 4707
10558	7.8	7 27.48	2.5399	0.0112	40 10 33.5	17.685	0.167	79.7	39 40	40 4758
10559	8.8	7 32.20	2.5719	0.0108	38 27 18.9	17.688	0.169	80.7	295 300	38 4709
10560	7.7	7 41.52	2.5837	0.0107	37 49 26.6	17.694	0.169	79.7	39 40	37 4513
10561	8.9	22 7 55.29	+2.6150	+0.0102	+36 3 19.7	+17.704	+0.171	89.2	6 Beob. [2]	35 4740
10562	7.8	8 1.46	2.5712	0.0109	38 36 34.1	17.708	0.169	87.9	5 Beob. [3]	38 4710
10563	9.2	8 18.87	2.6102	0.0104	36 25 35.8	17.720	0.171	90.3	5 Beob. [4]	36 4788
10564	5.1	8 30.89	2.5644	0.0111	39 5 43.5	17.728	0.168	85.0	9 Beob. [5]	38 4711
10565	8.9	8 39.14	2.5507	0.0113	39 52 38.0	17.734	0.165	80.2	39 40 291 293	39 4787
10566	9.0[6]	22 8 49.75	+2.6003	+0.0106	+37 7 34.0	+17.741	+0.169	88.9	6 Beob. [7]	37 4518
10567	7.7	8 53.65	2.6160	0.0103	36 12 44.4	17.743	0.170	80.8	289 329	36 4789
10568	7.7	8 55.65	2.5521	0.0114	39 51 53.9	17.745	0.165	84.1	41 51 531	39 4790
10569	9.0	9 8.94	2.6367	0.0100	35 0 44.6	17.754	0.171	89.2	6 Beob. [8]	34 4631
10570	8.6	9 9.19	2.5900	0.0109	37 48 1.4	17.754	0.168	87.6	351 468 716 717	37 4520
10571	8.9	22 9 9.95	+2.5726	+0.0112	+38 47 18.3	+17.754	+0.167	80.7	295 300	38 4714
10572	9.0	9 10.53	2.5891	0.0109	37 51 24.1	17.755	0.168	84.2	8 Beob. [9]	37 4519
10573	7.6	9 17.24	2.6287	0.0102	35 32 6.5	17.759	0.170	90.3	5 Beob. [10]	35 4746
10574	8.8	9 22.89	2.5895	0.0109	37 53 0.0	17.763	0.168	80.7	314 318	37 4521
10575	7.6	9 53.45	2.5691	0.0113	39 9 14.5	17.784	0.166	80.7	291 293	39 4792
10576	8.7	22 9 56.71	+2.5513	+0.0115	+40 8 49.6	+17.786	+0.164	84.1	41 51 531	40 4768
10577	8.7	10 4.71	2.5924	0.0110	37 52 22.3	17.792	0.167	80.7	308 312	37 4523
10578	9.0	10 5.85	2.6275	0.0104	35 47 33.6	17.792	0.169	80.8	289 329	35 4750
10579	8.7	10 7.05	2.6054	0.0107	37 7 24.7	17.793	0.168	84.8	331 334 546	37 4524
10580	9.3	10 8.64	2.5773	0.0112	38 45 11.4	17.794	0.166	80.7	295 300	38 4718
10581	7.6	22 10 9.03	+2.5504	+0.0116	+40 14 47.9	+17.794	+0.164	89.1	6 Beob. [11]	40 4769
10582	8.1	10 11.33	2.6416	0.0101	34 56 35.3	17.796	0.170	85.4	322 519 521	*34 4638*
10583	8.7	10 22.48	2.6211	0.0105	36 14 53.5	17.803	0.168	90.3	5 Beob. [12]	36 4794
10584	8.7	10 26.88	2.6042	0.0108	37 16 27.0	17.806	0.167	80.7	314 318	37 4525
10585	7.7	10 29.90	2.5879	0.0111	38 14 6.5	17.808	0.166	89.7	40 563 571 580	38 4721
10586	4.7	22 10 31.36	+2.6069	+0.0108	+37 7 36.2	+17.809	+0.167	85.8	13 Beob. [13]	37 4526
10587	8.9	10 46.49	2.6160	0.0107	36 38 51.7	17.820	0.167	80.8	289 329	36 4798
10588	8.9	11 3.18	2.6052	0.0109	37 21 16.5	17.831	0.166	80.7	295 300	37 4531
10589	8.7	11 22.08	2.6189	0.0107	36 36 23.7	17.843	0.167	80.8	289 329	36 4801
10590	9.0	12 0.04	2.5626	0.0118	40 1 7.4	17.869	0.161	87.6	5 Beob. [14]	39 4795
10591	8.8	22 12 16.33	+2.6436	+0.0104	+35 17 38.0	+17.879	+0.167	89.1	6 Beob. [15]	35 4756
10592	9.4	12 22.06	2.6069	0.0111	37 33 54.1	17.883	0.164	80.8	289 329	37 4534
10593	7.5	12 24.30	2.5928	0.0114	38 24 4.1	17.885	0.163	80.7	291 293	38 4727
10594	8.2	12 24.63	2.5948	0.0114	38 17 19.6	17.885	0.164	79.7	39 40	38 4728
10595	8.0	12 32.57	2.6001	0.0113	38 0 25.1	17.890	0.164	80.7	295 300	37 4535
10596	8.6	22 12 43.70	+2.5809	+0.0117	+39 10 6.9	+17.897	+0.162	79.7	39 40	39 4796
10597	7.9	12 45.77	2.5779	0.0117	39 20 34.8	17.899	0.162	84.1	41 51 531	39 4797
10598	8.1	12 57.41	2.6215	0.0110	36 49 22.1	17.906	0.164	90.3	5 Beob. [16]	36 4806
10599	9.1	13 14.65	2.5956	0.0115	38 26 35.6	17.918	0.162	80.7	291 293	38 4732
10600	6.8[17]	13 27.54	2.6183	0.0112	37 8 31.6	17.926	0.163	80.8	289 329	37 4537

[1] Z. 314 318 539 543 564 [2] Z. 322 519 521 563 571 580 [3] Z. 41 51 531 706 710 [4] Z. 66 523 539 543 564 [5] Z. 314 318 331 334 546 711 712; M 152 153 [6] Dpl. 5″ med. [7] Z. 331 334 546 563 571 580 [8] Z. 322 519 521 563 571 580 [9] Z. 308 312 706 710; M 148 149 202 211 [10] Z. 66 523 539 543 564 [11] Z. 39 40 706 710 716 717 [12] Z. 66 523 539 543 564 [13] Z. 308 312 546 706 710 711 712; M 142 143 150 152 153 209 [14] Z. 41 51 531 563 580 [15] Z. 322 519 521 539 543 564 [16] Z. 66 523 539 543 564 [17] Dpl. bor. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10601	8.9	22h 13m 58s.31	+2s.6013	+0s.0116	+38° 16′ 50″.1	+17″.946	+0″.162	80.7	295 300	38° 4737
10602	9.1	14 10.98	2.5898	0.0118	39 0 21.3	17.954	0.161	80.7	308 312	38 4739
10603	9.5	14 11.80	2.5730	0.0120	39 58 22.8	17.955	0.159	80.7	291 293	39 4804
10604	9.2	14 16.46	2.5713	0.0120	40 5 21.6	17.958	0.159	79.7	39 40	39 4805
10605	9.4	14 17.00	2.6016	0.0116	38 20 40.6	17.958	0.161	80.7	314 318	38 4741
10606	8.9	22 14 36.57	+2.5695	+0.0122	+40 16 29.7	+17.971	+0.158	89.9	8 Beob.[1]	40 4784
10607	9.4	14 38.77	2.5889	0.0119	39 10 27.6	17.972	0.160	79.7	39 40	39 4807
10608	9.2	14 50.19	2.6404	0.0110	36 6 7.1	17.980	0.163	80.8	289 329	36 4810
10609	8.6	14 51.92	2.6471	0.0108	35 40 45.7	17.981	0.163	90.3	5 Beob.[2]	35 4768
10610	7.7	14 58.40	2.6319	0.0111	36 40 15.2	17.985	0.162	84.8	331 334 546	36 4811
10611	8.5	22 15 2.28	+2.5807	+0.0120	+39 44 48.2	+17.988	+0.158	90.0	51 531 706 710	39 4809
10612	8.9	15 7.95	2.5992	0.0118	38 41 35.3	17.991	0.160	80.7	295 300	38 4745
10613	8.9	15 13.16	2.6400	0.0110	36 13 8.6	17.995	0.162	81.3	351 468	36 4812
10614	9.4	15 15.55	2.5846	0.0120	39 34 24.8	17.996	0.159	80.7	291 293	39 4811
10615	9.3	15 27.03	2.6599	0.0107	34 59 38.4	18.004	0.163	90.4	5 Beob.[3]	34 4660
10616	8.9	22 15 37.68	+2.6347	+0.0112	+36 39 2.5	+18.010	+0.161	80.9	357 358	36 4814
10617	8.7	15 41.50	2.6138	0.0117	37 57 12.6	18.013	0.160	80.7	291 293	37 4546
10618	9.1	15 42.07	2.6483	0.0110	35 48 25.1	18.013	0.162	90.3	5 Beob.[4]	35 4773
10619	8.3	15 47.01	2.6401	0.0111	36 21 9.2	18.016	0.161	81.3	351 468	36 4815
10620	8.7	16 14.24	2.6613	0.0108	35 5 44.6	18.034	0.162	87.4	322 519 543 564	34 4664
10621	7.9	22 16 20.88	+2.5926	+0.0122	+39 22 54.4	+18.038	+0.157	84.1	41 51 531	39 4813
10622	8.7	16 21.52	2.6504	0.0111	35 49 37.0	18.038	0.161	80.8	289 329	35 4776
10623	9.5	16 27.07	2.6493	0.0111	35 55 24.3	18.042	0.161	84.8	331 334 546	35 4777
10624	6.2	16 29.02	2.5820	0.0124	40 2 12.6	18.043	0.156	79.7	39 40	39 4814
10625	9.0	16 37.28	2.6392	0.0113	36 36 41.6	18.048	0.160	80.9	357 358	36 4817
10626	8.8	22 16 38.77	+2.6337	+0.0115	+36 57 44.8	+18.049	+0.160	89.6	6 Beob.[5]	36 4818
10627	8.7	16 48.43	2.6217	0.0117	37 45 0.5	18.055	0.158	80.7	291 293	37 4549
10628	9.4	16 51.41	2.6346	0.0115	36 57 46.3	18.057	0.159	80.8	345 347	36 4819
10629	9.5	16 52.06	2.6603	0.0110	35 18 35.5	18.058	0.161	89.9	334 546 563 571	35 4780
10630	8.6	16 59.58	2.6349	0.0115	36 58 30.7	18.063	0.159	80.9	357 358	36 4822
10631	8.9	22 17 9.21	+2.6527	+0.0112	+35 52 51.6	+18.069	+0.160	89.6	66 523 563 571	35 4784
10632	8.9	17 9.54	2.6118	0.0120	38 26 44.9	18.069	0.158	84.1	41 51 531	38 4749
10633	6.8	17 18.03	2.6510	0.0112	36 1 35.8	18.074	0.159	86.8	289 329 543 564	35 4785
10634	8.9	17 19.64	2.6032	0.0122	39 0 16.5	18.075	0.156	79.7	39 40	38 4750
10635	8.8	17 23.51	2.6412	0.0115	36 40 44.4	18.078	0.158	81.3	351 468	36 4824
10636	8.6	22 17 27.00	+2.6402	+0.0115	+36 45 6.1	+18.080	+0.158	84.8	331 334 546	36 4825
10637	8.7	17 36.05	2.6303	0.0117	37 24 51.7	18.086	0.158	80.8	289 329	37 4554
10638	9.0	17 37.16	2.5921	0.0124	39 44 8.2	18.086	0.155	79.7	39 40	39 4819
10639	8.5	17 41.91	2.6210	0.0119	38 1 5.8	18.089	0.157	80.7	295 300	37 4555
10640	8.1	18 7.78	2.5907	0.0125	39 56 52.1	18.106	0.154	84.1	41 51 531	39 4822
10641	9.1	22 18 16.33	+2.6286	+0.0119	+37 41 32.2	+18.111	+0.157	80.7	308 312	37 4559
10642	6.3	18 22.79	2.6251	0.0120	37 56 15.1	18.115	0.156	90.5[6]	8 Beob.[7]	37 4560
10643	8.8	18 26.41	2.6148	0.0122	38 35 17.7	18.117	0.155	80.7	291 293	38 4754
10644	9.1	18 31.89	2.5998	0.0125	39 31 9.5	18.121	0.154	79.7	39 40	39 4825
10645	8.8	18 42.44	2.6316	0.0119	37 36 50.9	18.127	0.156	80.7	308 312	37 4562
10646	8.3	22 18 58.93	+2.6108	+0.0124	+38 58 9.1	+18.137	+0.154	84.1	41 51 531	38 4757
10647	8.9	19 4.26	2.6740	0.0111	34 56 42.0	18.141	0.158	88.5	66 523 564	34 4675
10648	9.3	19 5.12	2.6102	0.0124	39 2 19.3	18.141	0.154	80.7	291 293	38 4758
10649	7.7	19 8.38	2.6144	0.0124	38 47 41.7	18.143	0.154	80.7	295 300	38 4759
10650	9.2	19 50.04	2.6554	0.0116	36 22 21.8	18.169	0.156	80.8	289 329	36 4827

[1] Z. 41 51 531 563 571 580 612 617 [2] Z. 66 523 539 543 564 [3] Z. 322 521 539 543 564
[4] Z. 66 523 563 571 580 [5] Z. 351 468 706 710 716 717 [6] E.B. +0s.027 +0″.12 (Porter)
[7] Z. 331 334 706 710 711 712 716 717

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10651	8.6	22h 19m 54s.14	+2s.6056	+0s.0126	+39° 31' 35".0	+18".172	+0".153	84.1	41 51 531	39° 4829
10652	9.0	19 58.91	2.6755	0.0112	35 4 24.2	18.175	0.157	88.5	66 523 543	34 4680
10653	8.4	20 0.48	2.6425	0.0120	37 15 34.3	18.176	0.155	80.7	295 300	37 4567
10654	8.9	20 9.83	2.6222	0.0124	38 34 46.6	18.181	0.153	80.7	291 293	[38 4761]
10655	9.1	20 12.65	2.6346	0.0122	37 49 2.3	18.183	0.154	80.7	308 312	37 4570
10656	9.1	22 20 14.21	+2.6288	+0.0123	+38 11 22.2	+18.184	+0.153	79.7	39 40	38 4762
10657	8.9	20 19.23	2.6227	0.0124	38 35 21.9	18.187	0.153	93.7	706 710 716 717	38 4763
10658	9.3	20 27.41	2.6791	0.0112	34 56 48.0	18.192	0.157	89.2	6 Beob.[1]	34 4683
10659	8.9	20 41.19	2.6783	0.0113	35 3 21.9	18.201	0.156	87.3	322 519 521 564	34 4684
10660	8.7	20 52.52	2.6580	0.0118	36 28 9.1	18.208	0.154	84.8	331 334 546	36 4832
10661	9.1	22 21 2.27	+2.6353	+0.0123	+37 59 2.6	+18.213	+0.153	88.8	308 563[2] 580	37 4573
10662	9.4	21 7.08	2.6195	0.0126	38 59 59.8	18.216	0.152	93.7	706 710	— —
10663	7.8	21 7.20	2.6641	0.0117	36 7 49.9	18.217	0.154	80.9	357 358	36 4834
10664	8.4	21 9.96	2.6358	0.0123	37 59 16.6	18.218	0.152	83.8	312 314 318 571	37 4575
10665	9.1	21 11.09	2.6205	0.0126	38 57 17.2	18.219	0.151	87.2	291 293 716 717	38 4768
10666	8.7	22 21 11.25	+2.6028	+0.0130	+40 2 8.7	+18.219	+0.150	84.1	41 51 531	39 4835
10667	6.6	21 12.82	2.6542	0.0120	36 48 29.4	18.220	0.154	80.8	289 329	36 4835
10668	8.0	21 20.65	2.6054	0.0130	39 55 21.4	18.225	0.150	79.7	39 40	39 4837
10669	8.8	21 24.60	2.6352	0.0124	38 5 23.7	18.227	0.152	81.3	351 468	37 4578
10670	7.6	21 36.67	2.6211	0.0127	39 2 6.1	18.234	0.151	80.7	295 300	38 4771
10671	9.0	22 21 39.51	+2.6777	+0.0115	+35 21 0.3	+18.236	+0.155	89.6	66 523 543 564	35 4805
10672	8.8	21 40.15	2.6317	0.0125	38 23 3.5	18.237	0.152	80.7	308 312	38 4772
10673	6.0	21 57.93	2.6203	0.0128	39 10 24.0	18.247	0.150	89.6	7 Beob.[3]	39 4841
10674	9.6	21 59.08	2.6116	0.0130	39 42 51.9	18.248	0.150	84.8	295 300 563	39 4840
10675	8.8	21 59.20	2.6093	0.0130	39 51 26.6	18.248	0.150	79.7	39 40	39 4842
10676	9.1	22 22 1.56	+2.6509	+0.0122	+37 14 33.9	+18.250	+0.152	84.8	331 334 546	37 4582
10677	8.8	22 4.73	2.6508	0.0122	37 15 39.4	18.251	0.152	81.3	351 468	37 4583
10678	8.9	22 11.27	2.6863	0.0114	34 53 12.3	18.255	0.154	85.4	322 519 521	*34 4691*
10679	9.0	22 14.42	2.6337	0.0126	38 24 18.2	18.257	0.151	80.7	314 318	38 4774
10680	7.3	22 14.74	2.6526	0.0122	37 11 6.8	18.258	0.152	80.7	308 312	37 4585
10681	9.3	22 22 19.84	+2.6196	+0.0129	+39 19 13.2	+18.261	+0.150	80.7	291 293	39 4844
10682	9.2	22 36.73	2.6173	0.0130	39 32 14.5	18.271	0.149	79.7	39 40	39 4846
10683	8.7	22 42.15	2.6614	0.0121	36 43 20.8	18.274	0.152	89.6	66 523 543 564	36 4839
10684	8.6	22 44.66	2.6649	0.0120	36 30 9.5	18.275	0.152	80.8	289 329	36 4840
10685	8.7	22 51.50	2.6329	0.0127	38 37 20.8	18.280	0.150	80.7	291 293	38 4776
10686	9.2	22 22 52.24	+2.6653	+0.0120	+36 30 21.1	+18.280	+0.152	83.8	331 334 351 546	36 4841
10687	7.9	22 54.21	2.6608	0.0122	36 48 57.0	18.281	0.151	80.9	357 358	36 4842
10688	8.8	22 59.62	2.6234	0.0130	39 15 43.2	18.284	0.149	87.7	5 Beob.[4]	39 4850
10689	9.0	23 11.32	2.6673	0.0121	36 27 31.2	18.291	0.151	89.1	468 543 564	36 4844
10690	8.8	23 32.52	2.6191	0.0132	39 40 36.2	18.304	0.148	79.7	39 40	39 4851
10691	8.7	22 23 44.73	+2.6796	+0.0118	+35 45 49.2	+18.311	+0.151	80.8	289 329	35 4813
10692	7.9	24 0.08	2.6872	0.0117	35 18 0.8	18.321	0.152	91.0	6 Beob.[5]	35 4815
10693	8.9	24 1.84	2.6578	0.0124	37 19 9.8	18.322	0.149	80.7	295 300	37 4591
10694	9.0	24 6.66	2.6792	0.0120	35 53 8.6	18.324	0.151	84.8	331 334 546	35 4816
10695	6.8	24 6.95	2.6907	0.0117	35 5 14.6	18.325	0.152	89.2	6 Beob.[6]	34 4700
10696	8.9	22 24 21.57	+2.6846	+0.0118	+35 34 47.6	+18.333	+0.151	81.3	351 468	35 4817
10697	9.2	24 23.06	2.6831	0.0119	35 41 20.2	18.334	0.151	80.8	289 329	35 4818
10698	9.3	24 25.41	2.6394	0.0129	38 38 2.8	18.336	0.148	88.0	5 Beob.[7]	38 4781
10699	8.3	24 43.14	2.6497	0.0128	38 2 42.0	18.346	0.148	80.9	357 358	37 4594
10700	8.6	24 58.03	2.6340	0.0132	39 7 46.1	18.355	0.146	84.1	41 51 531	39 4855

[1] Z. 289 329 563 571 716 717 [2] Obl. [3] Z. 41 51 531 706 710 711 712 [4] Z. 41 51 531 571 580
[5] Z. 66 523 543 564 716 717 [6] Z. 332 519 521 563 571 580 [7] Z. 41 51 531 706 710

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
10701	7.9	$22^h\ 25^m\ 0^s.42$	$+2^s.6274$	$+0^s.0133$	+39° 33' 37".2	+18".356	+0".146	89.1	6 Beob. [1]	39° 4856
10702	8.9	25 2.10	2.6679	0.0124	36 54 50.9	18.357	0.149	88.4	5 Beob. [2]	36 4854
10703	8.8	25 4.85	2.6409	0.0130	38 43 13.2	18.359	0.147	89.4	6 Beob. [3]	38 4784
10704	9.0	25 5.58	2.6377	0.0131	38 55 36.7	18.359	0.146	80.7	308 312	38 4783
10705	9.0	25 12.88	2.6908	0.0119	35 22 20.1	18.363	0.150	89.6	66 523 543 564	35 4822
10706	8.6	22 25 14.13	+2.6315	+0.0133	+39 21 53.6	+18.364	+0.146	80.7	295 300	39 4857
10707	8.7	25 17.97	2.6302	0.0133	39 28 5.8	18.366	0.146	80.7	295 300	39 4858
10708	8.2	25 23.40	2.6209	0.0136	40 4 47.5	18.370	0.146	89.4	291 706 710	39 4860
10709	8.9	25 40.11	2.6939	0.0119	35 16 8.2	18.379	0.149	89.2	6 Beob. [4]	35 4825
10710	9.1	25 40.18	2.6396	0.0132	38 58 1.8	18.379	0.146	80.7	308 312	38 4786
10711	9.0	22 25 41.75	+2.6315	+0.0134	+39 29 54.8	+18.380	+0.146	89.4	291 711 712	39 4862
10712	9.3	25 43.10	2.6637	0.0126	37 23 10.7	18.381	0.147	81.3	351 468	37 4598
10713	7.2	25 45.21	2.6455	0.0131	38 36 16.0	18.382	0.146	80.7	314 318	38 4787
10714	9.4	26 3.64	2.6721	0.0125	36 54 27.4	18.393	0.147	80.8	289 329	36 4861
10715	9.1	26 7.19	2.6311	0.0135	39 38 35.5	18.395	0.145	88.0	5 Beob. [5]	39 4864
10716	8.5	22 26 13.66	+2.6315	+0.0135	+39 38 34.3	+18.399	+0.145	79.7	39 40	39 4865
10717	9.0	26 18.73	2.6828	0.0123	36 13 54.9	18.402	0.148	84.8	331 334 546	36 4862
10718	8.4	26 19.10	2.6781	0.0125	36 33 43.3	18.402	0.147	81.3	351 468	36 4863
10719	9.1	26 33.01	2.6313	0.0136	39 45 10.2	18.410	0.144	80.7	295 300	39 4868
10720	9.0	26 34.58	2.6981	0.0120	35 12 57.2	18.411	0.148	90.2	5 Beob. [6]	35 4831
10721	8.4	22 26 36.55	+2.6408	+0.0134	+39 9 24.9	+18.412	+0.144	80.7	308 312	39 4869
10722	9.3	26 47.30	2.6989	0.0120	35 12 59.0	18.418	0.148	85.5	322 519 580 [7]	35 4833
10723	7.2	26 51.86	2.6292	0.0137	39 58 24.1	18.421	0.144	79.7	39 40	39 4870
10724	6.0	26 55.01	2.6424	0.0134	39 8 15.0	18.423	0.144	80.7	291 293	39 4871
10725	8.8	26 59.05	2.6713	0.0127	37 13 3.1	18.425	0.146	83.2	5 Beob. [8]	37 4604
10726	9.4	22 27 0.89	+2.6347	+0.0136	+39 39 52.3	+18.426	+0.143	80.7	314 318	39 4873
10727	8.8	27 6.52	2.6348	0.0136	39 41 12.3	18.429	0.143	80.7	314 318	39 4874
10728	8.6	27 16.45	2.6277	0.0139	40 11 14.5	18.435	0.143	84.1	41 51 531	40 4845
10729	9.4	27 27.66	2.6453	0.0135	39 6 21.5	18.441	0.143	88.8	291 571 580	39 4875
10730	9.1	27 43.95	2.6375	0.0137	39 41 27.6	18.451	0.143	79.7	39 40	39 4878
10731	7.9	22 27 47.34	+2.6708	+0.0129	+37 29 1.9	+18.453	+0.144	80.9	357 358	37 4611
10732	8.8	27 50.29	2.6913	0.0125	36 3 18.7	18.454	0.146	80.8	289 329	35 4836
10733	8.0	27 51.21	2.6496	0.0135	38 55 54.0	18.455	0.143	80.7	295 300	38 4797
10734	6.8	28 4.36	2.6315	0.0140	40 10 29.2	18.463	0.142	84.1	41 51 531	40 4850
10735	8.5	28 11.79	2.7041	0.0122	35 13 45.7	18.467	0.146	89.6	66 523 543 564	35 4837
10736	8.4	22 28 16.47	+2.6916	+0.0125	+36 9 27.7	+18.469	+0.145	84.8	331 334 546	36 4870
10737	9.2	28 20.65	2.6590	0.0134	38 26 29.8	18.472	0.143	80.7	308 312	38 4798
10738	8.5	28 27.54	2.6585	0.0134	38 30 50.1	18.476	0.142	80.7	308 312	38 4799
10739	8.7	28 32.98	2.6703	0.0131	37 44 0.8	18.479	0.143	81.3	351 468	37 4616
10740	8.5	28 34.23	2.6563	0.0135	38 41 28.2	18.480	0.142	80.7	295 300	38 4801
10741	9.3	22 28 36.35	+2.6887	+0.0127	+36 27 36.5	+18.481	+0.144	80.9	357 358	36 4871
10742	9.2	28 37.04	2.7044	0.0123	35 19 27.1	18.481	0.145	80.8	289 329	35 4838
10743	9.0	28 51.30	2.7088	0.0122	35 3 52.2	18.489	0.144	89.2	6 Beob. [9]	34 4719
10744	8.8	28 54.56	2.6873	0.0128	36 38 33.2	18.491	0.144	84.8	331 334 546	36 4872
10745	7.9	28 55.45	2.6378	0.0140	40 1 5.9	18.491	0.141	79.7	39 40	39 4883
10746	8.3	22 28 56.71	+2.6900	+0.0127	+36 27 26.2	+18.492	+0.144	86.9	345 347 543 564	36 4873
10747	9.3	28 56.73	2.6716	0.0132	37 45 21.5	18.492	0.143	81.3	351 468	37 4618
10748	7.5	28 59.46	2.6364	0.0141	40 7 47.4	18.494	0.141	84.1	41 51 531	40 4854
10749	8.7	29 18.01	2.6679	0.0133	38 6 49.9	18.504	0.142	89.9	314 563 571 580	38 4806
10750	8.5	29 19.62	2.6386	0.0141	40 5 13.5	18.505	0.141	80.7	291 293	39 4886

[1] Z. 39 40 711 712 716 717
[2] Z. 331 334 546 706 710
[3] Z. 314 318 711 712 716 717
[4] Z. 322 519 521 563 571 580
[5] Z. 41 51 531 706 710
[6] Z. 66 521 523 543 564
[7] Z. 563 48s.27 62s.0 (sehr uns.) ausgeschlossen
[8] Z. 289 329 331 334 546
[9] Z. 322 519 521 563 571 580

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10751	9.4	22h 29m 22s.30[1]	+2s.6806	+0s.0130	+37° 14' 52".2	+18".507	+0".143	91.2 89.4	6 Beob. [1]	37° 4621
10752	8.3	29 28.94	2.6807	0.0130	37 16 39.2	18.510	0.142	80.9	357 358	37 4623
10753	9.3	29 39.09	2.6974	0.0127	36 7 50.0	18.516	0.143	84.8	331 334 546	36 4875
10754	7.5	29 54.06	2.6584	0.0138	38 56 22.0	18.524	0.140	80.7	291 293	38 4807
10755	8.7	29 54.69	2.6786	0.0132	37 32 54.5	18.525	0.142	81.3	351 468	37 4625
10756	7.5	22 30 0.03	+2.7045	+0.0126	+35 42 26.3	+18.528	+0.143	90.0	66 523 706 710	35 4840
10757	8.7	30 8.92	2.7074	0.0125	35 31 58.0	18.533	0.143	80.8	289 329	35 4841
10758	9.0	30 15.44	2.6525	0.0140	39 26 40.6	18.536	0.140	84.1	41 51 531	39 4890
10759	6.5	30 18.77	2.6595	0.0138	38 59 16.3	18.538	0.140	93.8	711 715 716[2] M 308	38 4808
10760	9.2	30 21.62	2.6643	0.0137	38 40 23.3	18.540	0.140	80.7	314 318	38 4809
10761	8.9	22 30 22.90	+2.6600	+0.0138	+38 58 10.6	+18.540	+0.140	80.4	6 Beob. [3]	38 4810
10762	9.0	30 26.81	2.7043	0.0127	35 50 52.4	18.543	0.143	89.9	66 523 556 717	35 4843
10763	6.1	30 27.34	2.7166	0.0123	34 55 57.1	18.543	0.143	87.4	322 519 572 581	34 4728
10764	6.9	30 28.84[4]	2.7008	0.0128	36 6 56.9	18.544	0.142	90.5 88.6	5 Beob. [4]	36 4880
10765	9.2	30 32.07	2.6862	0.0131	37 11 30.3	18.546	0.141	80.9	357 358	37 4629
10766	7.7	22 30 38.15	+2.6652	+0.0138	+38 41 26.2	+18.549	+0.140	80.7	298 303	38 4811
10767	7.9	30 43.69	2.6546	0.0141	39 26 30.3	18.552	0.139	79.8	60 64	39 4892
10768	6.0	30 45.49	2.6871	0.0132	37 11 42.9	18.553	0.141	80.9	342 361	37 4631
10769	8.6	30 46.32	2.6880	0.0132	37 7 57.8	18.553	0.141	81.3	351 468	37 4633
10770	8.9	30 49.88	2.6506	0.0142	39 44 14.3	18.555	0.139	86.2	44 47 528 534	39 4894
10771	9.4	22 30 56.90	+2.6725	+0.0136	+38 16 51.3	+18.559	+0.139	81.2	306 471	38 4812
10772	8.8	30 59.89	2.6835	0.0133	37 31 15.5	18.561	0.140	80.9	357 358	37 4637
10773	8.0	31 0.04	2.6896	0.0132	37 4 55.5	18.561	0.141	80.8	345 347	36 4882
10774	6.7	31 8.04	2.7182	0.0124	35 0 17.4	18.565	0.142	88.4	5 Beob. [5]	34 4729
10775	8.9	31 12.95	2.6970	0.0130	36 36 46.6	18.568	0.141	88.4	5 Beob. [6]	36 4883
10776	9.5	22 31 13.23	+2.7051	+0.0128	+36 0 49.8	+18.568	+0.141	87.0	289 329 556 717	35 4846
10777	9.4	31 18.06	2.6916	0.0132	37 1 40.4	18.571	0.140	81.3	351 468	36 4884
10778	8.6	31 27.47	2.6987	0.0130	36 33 22.8	18.576	0.140	80.9	357 358	36 4887
10779	8.4	31 33.06	2.7134	0.0127	35 29 31.2	18.579	0.141	80.8	289 329	35 4847
10780	9.4	31 39.37	2.6616	0.0141	39 14 33.8	18.583	0.138	80.7	298 303	39 4896
10781	8.5	22 31 51.27	+2.6765	+0.0137	+38 16 8.1	+18.589	+0.138	89.7	471 706 710	38 4816
10782	8.7	31 52.05	2.6767	0.0137	38 15 48.4	18.590	0.138	89.4	306 706 710	38 4816
10783	9.0	31 52.15	2.6584	0.0143	39 31 43.9	18.590	0.138	86.2	44 47 528 534	39 4897
10784	7.3	31 54.08	2.6693	0.0140	38 47 26.6	18.591	0.138	80.8	345 347	38 4817
10785	9.2	31 55.39	2.6700	0.0140	38 44 37.3	18.591	0.138	80.8	345 347	38 4818
10786	8.4	22 32 3.20	+2.6596	+0.0143	+39 30 7.1	+18.596	+0.137	79.8	60 64	39 4898
10787	9.1	32 5.98	2.6948	0.0133	37 1 59.8	18.597	0.139	84.8	331 334 546	36 4890
10788	8.5	32 6.40	2.7084	0.0130	36 1 57.1	18.597	0.140	91.2	6 Beob. [7]	35 4850
10789	7.5	32 18.60	2.6781	0.0138	38 17 51.1	18.604	0.138	81.2	306 471	38 4819
10790	8.6	32 45.24	2.6909	0.0135	37 30 51.5	18.619	0.138	81.3	351 468	37 4646
10791	8.8	22 32 51.27	+2.7215	+0.0127	+35 15 24.7	+18.622	+0.139	87.4	322 519 572 581	35 4853
10792	9.2	32 51.33	2.6827	0.0138	38 7 59.5	18.622	0.137	80.7	298 303	38 4821
10793	9.0[8]	33 3.41	2.7039	0.0133	36 38 37.5	18.629	0.138	89.4	289 706 710	36 4895
10794	8.9	33 3.47	2.6821	0.0139	38 14 18.9	18.629	0.137	86.3	44 47 528 534	38 4823
10795	8.9	33 14.31	2.7130	0.0131	36 0 53.9	18.634	0.139	89.9	66 523 556 717	35 4855
10796	9.1	22 33 15.29	+2.7096	+0.0132	+36 16 44.1	+18.635	+0.138	84.8	331 334 546	36 4896
10797	8.9	33 17.42	2.6868	0.0138	37 58 7.0	18.636	0.136	80.9	357 358	37 4648
10798	6.7	33 25.56	2.7043	0.0132	36 43 31.6	18.640	0.138	86.9	345 347 572 581	36 4898
10799	9.5	33 33.97	2.6636	0.0145	39 41 25.1	18.645	0.135	93.7	706 710 715 716	39 4904
10800	9.1	33 35.69	2.6891	0.0138	37 54 27.6	18.646	0.136	81.3	351 468	37 4650

[1] Z. 345 [21s.92] 347 706 710 716 717
[2] Dpl. 30" bor.
[3] Z. 39 40 295 300 308 312
[4] Z. 342 361 [28s.44] 711 716; M 308
[5] Z. 322 519 521 572 581
[6] Z. 331 334 546 706 710
[7] Z. 66 523 556 715 716 717
[8] Dpl. 2" austr. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10801	**5.0**	**22h 33m 39s.26**	**+2s.6824**	**+0s.0140**	**+38° 24' 0".3**	**+18".648**	**+0".136**		**Fund. Cat.**	**38° 4826**
10802	8.6	33 39.79	2.6555	0.0148	40 16 34.0	18.648	0.135	86.2	44 47 528 534	40 4871
10803	7.0	33 48.99	2.6610	0.0147	39 57 0.5	18.653	0.135	79.8	60 64	39 4906
10804	8.3[1]	33 50.73	2.7121	0.0132	36 15 55.1	18.654	0.137	80.9	357 358	36 4899
10805	6.5	33 52.28	2.7064	0.0134	36 42 12.5	18.655	0.137	80.9	342 361	36 4901
10806	7.7	22 33 53.00	+2.7013	+0.0135	+37 5 35.7	+18.655	+0.137	81.3	M 145 213	36 4900
10807	6.2	33 55.22	2.7035	0.0135	36 56 31.5	18.656	0.136	93.6	6 Beob.[2]	36 4902
10808	6.6	33 56.10	2.6878	0.0139	38 5 52.9	18.657	0.135	81.3	M 145 213	37 4651
10809	8.0	33 57.58	2.7062	0.0134	36 44 49.1	18.658	0.137	80.9	342 361	36 4903
10810	9.5	34 7.84	2.7164	0.0132	36 1 46.5	18.663	0.137	84.8	331 334 546	35 4859
10811	8.8	22 34 8.11	+2.7227	+0.0130	+35 32 44.1	+18.663	+0.137	80.8	289 329	35 4858
10812	8.0	34 9.55	2.6826	0.0142	38 32 33.3	18.664	0.135	80.7	298 303	38 4829
10813	9.2	34 11.75	2.6972	0.0137	37 29 22.7	18.665	0.136	87.1	351 468 572 581	37 4654
10814	8.7	34 14.48	2.6756	0.0144	39 3 46.5	18.667	0.134	81.2	306 471	38 4831
10815	9.0	34 24.52	2.6929	0.0140	37 52 23.7	18.672	0.135	80.9	357 358	37 4655
10816	8.7	22 34 25.32	+2.6916	+0.0140	+37 59 0.7	+18.672	+0.135	80.8	342 345 347 361	37 4656
10817	8.9	34 27.93	2.6874	0.0141	38 17 30.6	18.674	0.134	81.2	306 471	38 4833
10818	6.8	34 31.75	2.6632	0.0148	40 1 10.5	18.676	0.134	79.8	60 64	39 4909
10819	8.2	34 34.01	2.7070	0.0136	36 52 36.3	18.677	0.136	81.3	M 145 213	36 4905
10820	9.1	34 35.65	2.6875	0.0141	38 19 20.7	18.678	0.134	80.7	298 303	38 4834
10821	8.7	22 34 39.69	+2.7018	+0.0137	+37 17 41.5	+18.680	+0.135	81.3	351 468	37 4658
10822	8.7	34 53.47	2.7257	0.0130	35 32 14.7	18.687	0.136	80.8	289 329	35 4863
10823	8.3	35 14.70	2.7194	0.0134	36 8 5.6	18.698	0.136	80.9	357 358	36 4908
10824	9.0	35 17.83	2.6955	0.0141	37 57 19.6	18.700	0.134	84.4	6 Beob.[3]	37 4660
10825	7.6	35 21.00	2.7161	0.0135	36 25 9.5	18.702	0.135	81.3	351 468	36 4909
10826	6.8	22 35 22.16	+2.7266	+0.0131	+35 36 43.0	+18.702	+0.134	84.8	331 334 546	35 4864
10827	9.5	35 22.31	2.6997	0.0140	37 40 13.5	18.702	0.134	89.2	347 556 717	37 4662
10828	8.3	35 22.32	2.6950	0.0141	38 1 16.6	18.702	0.134	81.2	306 471	37 4663
10829	9.1	35 32.23	2.7376	0.0128	34 47 42.4	18.708	0.136	86.3	66 523	*34 4746*
10830	8.2	35 46.13	2.6947	0.0142	38 9 54.9	18.715	0.133	80.7	298 303	38 4844
10831	5.7	22 35 53.08	+2.6757	+0.0148	+39 34 22.0	+18.719	+0.132	93.8	6 Beob.[4]	39 4912
10832	9.4	35 53.09	2.6782	0.0147	39 24 5.8	18.719	0.132	86.4	60 64 572 581	39 4911
10833	8.8	36 1.66	2.6668	0.0151	40 15 0.5	18.723	0.132	86.3	44 47 528 534	40 4884
10834	9.2	36 7.29	2.7317	0.0131	35 26 26.3	18.726	0.135	80.8	289 329	35 4865
10835	9.0	36 7.88	2.7364	0.0130	35 3 58.9	18.726	0.135	88.6	5 Beob.[5]	34 4750
10836	9.0	22 36 12.34	+2.7137	+0.0138	+36 52 32.4	+18.729	+0.134	84.8	331 334 546	36 4914
10837	8.9	36 14.84	2.7117	0.0138	37 2 20.9	18.730	0.133	89.5	6 Beob.[6]	36 4915
10838	8.8	36 30.77	2.7185	0.0137	36 35 37.9	18.738	0.133	80.8	345 347	36 4916
10839	9.0	36 36.21	2.7219	0.0136	36 21 55.2	18.741	0.133	80.9	357 358	36 4918
10840	9.3	36 37.61[7]	2.7392	0.0130	34 59 50.8	18.742	0.134	86.3 88.5	66 523 581	34 4754
10841	9.0	22 36 38.16	+2.7172	+0.0137	+36 44 25.7	+18.742	+0.133	81.3	351 468	36 4917
10842	8.5	36 44.53	2.7393	0.0131	35 1 38.5	18.745	0.134	80.8	289 329	34 4755
10843	8.8[8]	36 51.31[9]	2.6927	0.0146	38 39 24.1	18.749	0.131	90.6 88.8	6 Beob.[9]	38 4848
10844	9.0	37 3.16	2.7428	0.0130	34 50 2.2	18.755	0.133	86.3	66 523	*34 4756*
10845	8.7	37 10.96	2.7134	0.0140	37 12 24.4	18.759	0.132	81.2	306 471	37 4669
10846	7.3	22 37 12.94	+2.7189	+0.0139	+36 47 35.9	+18.760	+0.132	88.1	5 Beob.[10]	36 4920
10847	8.9	37 14.49	2.7150	0.0140	37 5 55.2	18.761	0.132	80.8	345 347	36 4921
10848	6.8	37 15.14	2.7144	0.0140	37 8 55.6	18.761	0.132	80.9	342 361	37 4670
10849	8.3	37 24.48	2.7024	0.0144	38 6 52.5	18.766	0.131	79.8	60 64	38 4849
10850	8.9	37 25.47	2.7258	0.0137	36 18 44.1	18.767	0.132	81.3	351 468	36 4922

[1] Dpl.. austr. praec.
[2] Z. 556 711 715 716 717; M 308
[3] Z. 44 47 345 347 528 534
[4] Z. 706 710 711 715 716; M 308
[5] Z. 322 519 521 556 717
[6] Z. 357 358 706 710 715 716
[7] Z. 581 [38s.27]
[8] Dpl. 1".5
[9] Z. 44 (dpl. 1"?) [50s.92] 47 (dpl. 2" maj.) 528 534 706 (dpl. med.) 710 (dpl. 1".5)
[10] Z. 331 334 546 572 581

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10851	8.6	22h 37m 29s.78	+2s.6970	+0s.0146	+38° 32' 58".8	+18".769	+0".131	80.7	298 303	38° 4850
10852	8.9	37 34.16	2.7411	0.0132	35 8 17.2	18.771	0.133	88.6	5 Beob. [1]	35 4867
10853	8.5	37 49.28	2.6849	0.0150	39 32 29.6	18.779	0.129	86.2	44 47 528 534	39 4916
10854	9.3	38 0.15	2.6831	0.0151	39 43 49.5	18.784	0.129	79.8	60 64	39 4917
10855	9.0	38 0.37	2.6931	0.0148	39 0 5.1	18.784	0.130	80.7	298 303	38 4852
10856	9.4	22 38 4.17	+2.6958	+0.0148	+38 49 23.3	+18.786	+0.129	81.2	306 471	38 4854
10857	8.3	38 5.37	2.7192	0.0141	37 2 41.3	18.787	0.131	84.8	331 334 546	36 4923
10858	9.4	38 11.44	2.7162	0.0142	37 18 44.8	18.790	0.130	81.3	351 468	37 4676
10859	9.3	38 19.55	2.7404	0.0134	35 26 0.4	18.794	0.131	87.1	289 329 556 717	35 4871
10860	6.3[2]	38 26.83	2.6976	0.0148	38 48 38.7	18.798	0.129	80.7	298 303	38 4855
10861	9.1	22 38 27.39	+2.7230	+0.0141	+36 52 7.5	+18.798	+0.130	84.8	331 334 546	36 4924
10862	8.9	38 44.67	2.7394	0.0135	35 38 42.1	18.807	0.131	89.7	66 523 572 581	35 4873
10863	6.8	39 13.58	2.7045	0.0148	38 32 44.4	18.822	0.128	86.3	44 47 528 534	38 4858
10864	8.4	39 22.66	2.7120	0.0146	38 1 19.4	18.826	0.128	79.8	60 64	37 4681
10865	8.3	39 23.06	2.7416	0.0137	35 40 22.3	18.826	0.130	80.8	289 329	35 4874
10866	9.0	22 39 30.86	+2.7469	+0.0135	+35 16 26.7	+18.830	+0.130	88.6	5 Beob. [3]	35 4875
10867	8.7	39 37.28	2.6952	0.0153	39 22 42.0	18.833	0.127	86.3	44[4] 47 528 534	39 4923
10868	8.5	39 47.71	2.7360	0.0140	36 15 31.5	18.839	0.129	80.8	289 329	36 4925
10869	8.8	39 53.67	2.7089	0.0149	38 26 15.8	18.842	0.127	80.7	298 303	38 4860
10870	9.1	40 1.20	2.7438	0.0137	35 41 27.5	18.845	0.129	88.6	66 572 581	35 4878
10871	8.5	22 40 13.89	+2.7343	+0.0141	+36 32 43.9	+18.852	+0.128	84.8	331 334 546	36 4928
10872	7.3	40 15.45	2.7529	0.0134	35 0 45.2	18.852	0.129	88.6	5 Beob. [5]	34 4766
10873	7.9	40 25.31	2.7188	0.0147	37 50 30.1	18.857	0.126	81.2	306 471	37 4686
10874	8.8	40 25.39	2.6945	0.0155	39 42 14.1	18.857	0.126	79.8	60 64	39 4924
10875	8.4	40 30.41	2.6954	0.0155	39 40 2.7	18.860	0.126	79.8	60 64	39 4925
10876	9.1	22 40 32.85	+2.6984	+0.0154	+39 26 59.7	+18.861	+0.126	80.7	298 303	39 4926
10877	8.4	40 47.02	2.7219	0.0147	37 43 6.7	18.868	0.126	84.8	331 334 546	37 4687
10878	7.8	40 49.52	2.7214	0.0147	37 46 13.8	18.869	0.126	81.3	351 468	37 4688
10879	9.6	41 2.90	2.7193	0.0148	38 1 2.1	18.876	0.126	88.6	5 Beob. [6]	37 4689
10880	8.7	41 3.13	2.7339	0.0144	36 50 39.2	18.876	0.127	80.8	289 329	36 4929
10881	8.0	22 41 16.24	+2.7108	+0.0152	+38 45 28.3	+18.883	+0.125	88.8	6 Beob. [7]	38 4864
10882	9.1	41 22.10	2.7512	0.0138	35 31 15.6	18.885	0.127	89.8	66 523 556 717	35 4880
10883	8.9	41 43.10	2.7346	0.0145	37 1 5.3	18.896	0.125	80.8	289 329	36 4932
10884	8.9	41 52.39	2.7590	0.0136	35 1 17.4	18.900	0.126	90.0	7 Beob. [8]	34 4771
10885	9.1	42 18.71[9]	2.7050	0.0157	39 33 18.2	18.913	0.123	90.3 88.5	6 Beob. [9]	39 4930
10886	7.9	22 42 25.87	+2.7177	+0.0153	+38 36 44.4	+18.917	+0.124	79.8	60 64	38 4867
10887	5.6	42 27.70	2.7408	0.0145	36 45 32.7	18.917	0.125	89.9	7 Beob. [10]	36 4934
10888	9.3	42 39.25	2.7142	0.0154	38 57 40.0	18.923	0.123	81.2	306 471	38 4869
10889	8.9	42 40.58	2.7533	0.0141	35 46 34.3	18.924	0.125	89.8	66 523 556 717	35 4884
10890	8.4	42 47.63	2.7346	0.0148	37 22 50.5	18.927	0.123	88.4	5 Beob. [11]	37 4693
10891	8.4	22 42 56.97	+2.7320	+0.0149	+37 38 41.9	+18.932	+0.123	81.3	351 468 [12]	37 4695
10892	8.3	42 57.05	2.7344	0.0148	37 27 0.7	18.932	0.123	80.9	357 361[a]	37 4696
10893	7.9	42 59.89	2.7017	0.0160	40 3 7.8	18.933	0.122	86.3	44 47 528 534	39 4932
10894	8.7	43 2.83	2.7357	0.0148	37 22 32.0	18.934	0.123	81.3	351 468	37 4697
10895	8.9	43 5.55	2.7261	0.0152	38 10 24.6	18.936	0.123	81.2	306 471	38 4872
10896	7.3	22 43 7.60	+2.7300	+0.0151	+37 52 3.0	+18.937	+0.123	80.9	357 361[a]	37 4699
10897	9.3	43 13.55	2.7617	0.0139	35 14 44.1	18.939	0.124	80.8	289 329	35 4888
10898	8.9	43 17.85	2.7113	0.0158	39 25 1.9	18.942	0.122	86.4	60 64 572 581	39 4933
10899	8.4	43 18.75	2.7148	0.0156	39 9 5.9	18.942	0.122	80.7	298 303	39 4934
10900	9.0	43 22.98	2.7270	0.0152	38 12 3.6	18.944	0.122	81.2	306 471	38 4875

[1] Z. 322 519 521 556 717 [2] Dpl. seq. [3] Z. 322 519 521 556 717 [4] Dpl. 20" bor. [5] Z. 322 519 521 556 717
[6] Z. 306 471 581 715 716 [7] Z. 44 47 528 534 706 710 [8] Z. 322 519 521 556 715 716 717
[9] Z. 44 [18s.33] 47 528 534 572 581 [10] Z. 331 334 546 706 710 711; M 308 [11] Z. 331 334 546 706 710
[12] Dpl. bor. praec.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10901	8.8	22h 43m 25s.69	+2s.7241	+0s.0153	+38° 27′ 1″.7	+18″.945	+0″.122	80.7	298 303	38° 4877
10902	8.8	43 44.47	2.7683	0.0138	34 50 23.6	18.954	0.123	85.4	322 519 521	*34 4773*
10903	9.0	43 48.06	2.7080	0.0160	39 50 55.8	18.956	0.121	88.8	6 Beob. [1]	39 4935
10904	9.0	43 54.51	2.7572	0.0143	35 52 6.2	18.959	0.123	87.1	289 329 556 717	35 4891
10905	7.7	44 1.43	2.7090	0.0161	39 51 20.0	18.962	0.120	79.8	60[2] 64	39 4937
10906	8.3	22 44 20.28	+2.7209	+0.0157	+39 1 48.6	+18.971	+0.121	81.2	306 471	38 4879
10907	8.1	44 25.82	2.7226	0.0157	38 55 41.6	18.974	0.120	79.8	60 64	38 4880
10908	8.0	44 27.88	2.7573	0.0145	36 2 41.7	18.975	0.122	89.7	66 523 572 581	35 4893
10909	8.9	44 51.40	2.7653	0.0142	35 29 19.4	18.986	0.122	80.8	289 329	35 4897
10910	9.3	45 2.71	2.7678	0.0142	35 19 55.4	18.991	0.121	88.1	5 Beob. [3]	35 4898
10911	9.4	22 45 4.58	+2.7227	+0.0159	+39 9 2.5	+18.992	+0.120	86.4	44 47 528 534	39 4944
10912	9.4	45 6.69	2.7429	0.0151	37 30 11.1	18.993	0.120	80.7	298 303	37 4704
10913	8.5	45 19.13	2.7723	0.0140	35 1 25.4	18.999	0.121	88.6	5 Beob. [4]	34 4776
10914	9.0	45 22.53	2.7497	0.0149	37 1 33.0	19.001	0.120	81.3	351 468	36 4941
10915	8.4	45 29.07	2.7422	0.0152	37 41 40.1	19.004	0.120	81.3	351 468	37 4706
10916	8.9	22 45 36.25	+2.7594	+0.0147	+36 15 48.3	+19.007	+0.120	89.4	6 Beob. [5]	36 4942
10917	9.0	45 38.21	2.7609	0.0146	36 8 53.4	19.008	0.121	80.9	357 361[a]	36 4943
10918	8.2	45 44.03	2.7648	0.0145	35 50 31.1	19.011	0.120	88.5 89.6	66 523 572 581δ	35 4900
10919	8.5	45 51.03	2.7618	0.0146	36 8 33.8	19.014	0.120	80.9	357 361[a]	36 4944
10920	8.0	45 52.07	2.7399	0.0155	38 1 32.1	19.014	0.119	80.7	298 303	37 4710
10921	8.9	22 46 2.12	+2.7596	+0.0148	+36 24 6.5	+19.019	+0.120	88.2	5 Beob. [6]	36 4945
10922	8.6	46 5.04	2.7482	0.0152	37 24 9.0	19.020	0.119	81.2	306 471	37 4711
10923	8.3	46 5.59	2.7285	0.0160	39 3 6.1	19.020	0.118	79.8	60 64	38 4884
10924	9.1	46 7.30	2.7406	0.0155	38 3 37.3	19.021	0.118	80.9	357 361[a]	37 4712
10925	8.4	46 19.66	2.7777	0.0141	34 53 4.9	19.027	0.120	85.4	322 519 521	*34 4778*
10926	8.5	22 46 27.39	+2.7161	+0.0166	+40 10 59.9	+19.031	+0.117	86.2	44 47 528 534	40 4929
10927	8.0	46 30.77	2.7421	0.0156	38 4 56.9	19.032	0.118	81.3	351 468	37 4713
10928	7.8	46 38.69	2.7242	0.0163	39 36 8.2	19.036	0.117	79.8	60 64	39 4953
10929	9.2	46 38.91	2.7237	0.0163	39 27 40.3	19.036	0.117	80.7	298 303	39 4952
10930	8.8	46 58.35	2.7202	0.0166	40 2 44.2	19.045	0.116	86.2	44 47 528 534	39 4954
10931	9.3	22 47 2.76	+2.7254	+0.0164	+39 39 7.9	+19.047	+0.116	81.2	306 471	39 4955
10932	8.6	47 7.75	2.7598	0.0151	36 46 52.0	19.049	0.118	80.8	289 329	36 4949
10933	7.8	47 9.74	2.7464	0.0156	37 57 8.8	19.050	0.117	80.8	345 347	37 4714
10934	9.1	47 20.48	2.7782	0.0144	35 12 23.7	19.055	0.118	84.1	66 523 M23	35 4904
10935	8.7	47 25.89	2.7571	0.0152	37 7 22.7	19.057	0.117	81.3	351 468	37 4715
10936	6.2	22 47 28.95	+2.7293	+0.0164	+39 30 12.5	+19.059	+0.116	80.8	345 347	39 4957
10937	9.1	47 32.24	2.7680	0.0149	36 11 54.5	19.060	0.118	84.8	331 334 546	36 4951
10938	9.5	47 35.85	2.7215	0.0167	40 10 42.4	19.062	0.115	80.7	298 303	40 4934
10939	8.0	47 41.93	2.7282	0.0165	39 40 15.3	19.065	0.115	79.8	60 64	39 4958
10940	7.6	47 46.13	2.7510	0.0156	37 46 49.3	19.066	0.116	80.9	357 361[a]	37 4716
10941	8.4	22 47 49.60	+2.7296	+0.0165	+39 36 13.7	+19.068	+0.115	86.3	44 47 528 534	39 4959
10942	8.8	47 55.06	2.7575	0.0154	37 16 25.4	19.071	0.116	80.8	345 347	37 4717
10943	8.3	47 56.34	2.7344	0.0163	39 14 50.0	19.071	0.116	81.2	306 471	39 4960
10944	9.0	48 12.29	2.7689	0.0150	36 21 39.1	19.078	0.116	88.4	5 Beob. [7]	36 4952
10945	8.9	48 14.22	2.7742	0.0149	35 53 40.1	19.079	0.117	87.5	322 519 521 717	35 4906
10946	8.9	22 48 14.38	+2.7655	+0.0152	+36 40 34.5	+19.079	+0.116	81.3	351 468	36 4953
10947	9.0	48 14.82	2.7705	0.0150	36 13 57.1	19.079	0.116	88.4	5 Beob. [8]	36 4954
10948	9.2	48 19.56	2.7280	0.0167	39 55 37.1	19.081	0.114	80.7	298 303	39 4962
10949	8.8	48 20.02	2.7561	0.0156	37 32 39.3	19.082	0.115	80.9	357 361[a]	37 4719
10950	5.8	48 23.37	2.7310	0.0166	39 42 39.3	19.083	0.114	88.4	5 Beob. [9]	39 4964

[1] Z. 44 47 528 534 706 710 [2] Dpl. [3] Z. 331 334 546 572 581 [4] Z. 322 519 521 556 717
[5] Z. 289 329 706 710 715 716 [6] Z. 331 334 546 556 717 [7] Z. 289 329 572 715 716 [8] Z. 331 334 546 706 710
[9] Z. 331 334 546 711; M308

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
10951	8.4	22h 48m 51s.42	+2s.7377	+0s.0165	+39° 19' 19".1	+19".096	+0".114	86.3	44 47 528 534	39° 4965
10952	6.9	48 53.72	2.7830	0.0146	35 19 4.1	19.097	0.116	90.0	66 523 706 710	35 4908
10953	8.2	49 10.39	2.7837	0.0147	35 21 43.5	19.104	0.115	88.0	5 Beob. [1]	35 4909
10954	8.8	49 13.35	2.7842	0.0147	35 19 59.3	19.106	0.115	88.8	289 572 581	35 4911
10955	6.1	49 14.16	2.7726	0.0152	36 24 38.8	19.106	0.115	93.8	711 715 716 M308	36 4956
10956	9.2	22 49 18.99	+2.7433	+0.0164	+39 1 20.8	+19.108	+0.113	81.2	306 471	38 4896
10957	8.1	49 27.42	2.7409	0.0166	39 17 2.7	19.112	0.113	80.7	298 303	39 4968
10958	9.2	49 27.81	2.7341	0.0169	39 51 21.6	19.112	0.113	79.8	60 64	39 4967
10959	7.5	49 37.30	2.7840	0.0148	35 29 43.0	19.116	0.115	80.8	289 329	35 4912
10960	8.8	49 51.72	2.7830	0.0149	35 40 43.8	19.122	0.114	81.3	351 468	35 4916
10961	9.0	22 49 54.74	+2.7720	+0.0154	+36 43 17.2	+19.124	+0.113	80.9	357 M155	36 4959
10962	6.1	49 55.29	2.7832	0.0149	35 41 5.9	19.124	0.114	93.7	6 Beob. [2]	35 4917
10963	8.1	49 57.45	2.7567	0.0160	38 6 24.5	19.125	0.113	79.8	60 64	37 4723
10964	9.0	50 5.35	2.7885	0.0147	35 14 38.5	19.128	0.114	93.0	572 581	35 4919
10965	8.6	50 5.61	2.7891	0.0147	35 11 40.2	19.129	0.114	83.4	5 Beob. [3]	35 4918
10966	8.1	22 50 18.60	+2.7917	+0.0146	+35 1 39.8	+19.134	+0.114	88.6	5 Beob. [4]	34 4797
10967	9.4	50 19.24	2.7675	0.0157	37 17 5.0	19.134	0.113	81.2	306 471	37 4726
10968	9.0	50 32.93	2.7576	0.0162	38 15 27.2	19.140	0.112	88.7	6 Beob. [5]	38 4899
10969	9.4	50 50.38	2.7736	0.0156	36 55 36.4	19.148	0.112	80.8	289 329	36 4962
10970	9.1	50 52.16	2.7541	0.0165	38 41 31.6	19.149	0.111	80.7	298 303	38 4901
10971	8.0	22 50 54.68	+2.7906	+0.0149	+35 21 32.1	+19.150	+0.113	89.7	66 523 572 581	35 4924
10972	8.8	51 4.01	2.7449	0.0169	39 34 15.0	19.154	0.110	79.8	60 64	39 4976
10973	8.5	51 11.34	2.7867	0.0152	35 50 17.7	19.157	0.112	88.6	5 Beob. [6]	35 4926
10974	8.2	51 18.77	2.7383	0.0173	40 13 56.1	19.160	0.110	86.3	44 47 528 534	40 4953
10975	9.3	51 30.34	2.7830	0.0154	36 18 39.5	19.165	0.111	88.4	5 Beob. [7]	36 4967
10976	9.0	22 51 36.40	+2.7799	+0.0156	+36 38 7.9	+19.168	+0.111	80.8	289 329	36 4968
10977	7.9	51 46.01	2.7799	0.0156	36 42 15.1	19.172	0.110	84.8	331 334 546	36 4970
10978	9.1	51 46.08	2.7841	0.0154	36 18 20.9	19.172	0.111	81.3	351 468	36 4969
10979	7.7	51 50.43	2.7581	0.0166	38 43 15.2	19.174	0.109	85.0	5 Beob. [8]	38 4903
10980	6.4	51 54.56	2.7593	0.0166	38 38 26.6	19.176	0.109	88.6	64 572 581	38 4904
10981	9.2[9]	22 51 58.57	+2.7666	+0.0163	+38 0 26.8	+19.177	+0.110	80.7	298 303	37 4734
10982	9.1	51 59.56	2.7736	0.0159	37 22 44.6	19.178	0.110	81.2	306 471	37 4733
10983	8.8	52 18.70	2.7939	0.0152	35 34 3.0	19.186	0.110	89.8	66 523 556 717	35 4928
10984	8.1	52 25.50	2.7949	0.0152	35 31 17.8	19.189	0.110	84.0	322 519 521 M23	35 4930
10985	9.1	52 29.75	2.7715	0.0162	37 46 30.7	19.191	0.109	80.7	298 303	37 4735
10986	9.3	22 52 37.58	+2.7944	+0.0152	+35 38 47.2	+19.194	+0.110	80.8	289 329	35 4931
10987	8.1	52 51.52	2.7582	0.0170	39 7 29.1	19.200	0.108	86.3	44 47 528 534	39 4981
10988	8.6	52 59.40	2.7768	0.0161	37 28 19.4	19.203	0.108	81.2	306 471	37 4736
10989	9.3	53 2.52	2.7715	0.0164	37 59 28.6	19.204	0.108	79.8	60 64	37 4737
10990	8.9	53 33.31	2.7887	0.0157	36 34 23.8	19.217	0.108	89.8	66 523 556 717	36 4973
10991	8.3	22 53 37.01	+2.7494	+0.0176	+40 12 49.8	+19.219	+0.107	86.3	44 47 528 534	40 4958
10992	9.0	53 39.30	2.7833	0.0160	37 7 44.7	19.220	0.107	81.2	306 471	37 4739
10993	9.1	53 40.32	2.7565	0.0173	39 36 31.4	19.220	0.106	79.8	60 64	39 4983
10994	8.8	53 46.83	2.7771	0.0164	37 46 16.1	19.223	0.107	81.3	351 468	37 4740
10995	8.3	53 50.82	2.7622	0.0171	39 9 54.1	19.225	0.106	80.7	298 303	39 4984
10996	8.6	22 53 52.18	+2.7914	+0.0158	+36 26 19.1	+19.225	+0.107	81.0	357 361a	36 4974
10997	9.1	53 57.75	2.8021	0.0153	35 24 44.4	19.227	0.108	80.8	289 329	35 4936
10998	8.8	53 58.34	2.8010	0.0153	35 31 25.4	19.228	0.108	88.1	5 Beob. [10]	35 4937
10999	8.6	54 4.91	2.7764	0.0165	37 57 29.7	19.230	0.107	81.3	351 468	37 4741
11000	9.0	54 15.77	2.7948	0.0157	36 15 46.1	19.235	0.107	81.0	357 361a	36 4976

[1] Z. 66 329 523 556 717 [2] Z. 706 710 711 715 716; M308 [3] Z. 331 334 351 468 546
[4] Z. 322 519 521 556 717 [5] Z. 44 47 528 534 706 710 [6] Z. 322 519 521 556 717 [7] Z. 331 334 546 706 710
[8] Z. 44 47 60 528 534 [9] Dpl. austr. praec. [10] Z. 331 334 546 572 581

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11001	8.7	22h 54m 19s.32	+2s.7884	+0s.0160	+36° 54' 18".8	+19".236	+0".107	91.2	5 Beob.[1]	36° 4977
11002	8.6	54 20.74	2.7802	0.0164	37 41 59.2	19.237	0.106	81.2	306 471	37 4742
11003	8.2	54 23.58	2.8055	0.0152	35 14 34.6	19.238	0.107	89.0	347 572 581	35 4939
11004	8.8	54 25.96	2.7818	0.0164	37 35 17.5	19.239	0.106	89.4	6 Beob.[2]	37 4743
11005	8.5	54 26.59	2.7913	0.0159	36 40 30.2	19.239	0.106	81.3	351 468	36 4978
11006	8.0	22 54 33.04	+2.8075	+0.0152	+35 6 8.8	+19.242	+0.107	88.6	5 Beob.[3]	34 4817
11007	9.4	54 37.42	2.8063	0.0153	35 15 29.2	19.244	0.106	88.1	5 Beob.[4]	35 4940
11008	8.1	54 52.27	2.8054	0.0154	35 26 42.1	19.250	0.106	90.0	66 523 711 M308	35 4941
11009	9.1	55 1.38	2.8087	0.0153	35 10 0.2	19.254	0.106	80.8	289 329	35 4942
11010	8.8	55 3.30	2.7589	0.0177	39 58 14.6	19.254	0.104	86.3	44 47 528 534	39 4987
11011	6.6	22 55 5.98	+2.7800	+0.0167	+38 2 14.4	+19.255	+0.105	86.4	60 64 556 717	37 4744
11012	8.7	55 11.62	2.7933	0.0160	36 47 15.4	19.258	0.105	81.0	357 361a	36 4984
11013	9.0	55 41.43	2.7955	0.0161	36 46 17.4	19.270	0.104	84.8	331 334 546	36 4986
11014	7.9	55 45.20	2.8004	0.0159	36 18 55.6	19.271	0.105	80.8	289 329	36 4988
11015	9.2	56 0.62	2.7722	0.0174	39 9 29.3	19.278	0.103	88.8	6 Beob.[5]	39 4990
11016	8.4	22 56 2.69	+2.7800	+0.0170	+38 26 11.8	+19.278	+0.103	79.8	60 64	38 4911
11017	9.1	56 6.32	2.8091	0.0156	35 34 12.2	19.280	0.104	88.6	5 Beob.[6]	35 4945
11018	9.2	56 7.13	2.7981	0.0161	36 41 41.7	19.280	0.104	89.2	468 572 581	36 4989
11019	8.9	56 13.43	2.7927	0.0164	37 16 42.0	19.283	0.104	81.4	306 468 471	37 4748
11020	7.5	56 14.85	2.7975	0.0162	36 48 21.5	19.283	0.104	81.0	357 361a	36 4990
11021	9.2	22 56 43.28	+2.7836	+0.0170	+38 22 50.6	+19.295	+0.102	79.8	60 64	38 4914
11022	8.3	56 57.29	2.7758	0.0176	39 13 13.2	19.300	0.102	86.3	44 47 528 534	39 4995
11023	9.1	56 57.89	2.7832	0.0172	38 31 25.6	19.300	0.102	80.7	298 303	38 4915
11024	9.5	57 0.02	2.7818	0.0173	38 40 23.9	19.301	0.102	81.2	306 471	38 4917
11025	9.2	57 0.12	2.8057	0.0161	36 17 31.4	19.301	0.103	80.8	289 329	36 4993
11026	9.2	22 57 0.74	+2.7965	+0.0165	+37 13 49.9	+19.302	+0.102	81.0	357 361a	37 4751
11027	9.3	57 2.03	2.8037	0.0162	36 30 52.3	19.302	0.103	84.8	331 334 546	36 4994
11028	7.6	57 28.59	2.7946	0.0168	37 37 36.0	19.313	0.101	81.0	345 347 351 468	37 4752
11029	9.5	57 38.96	2.7888	0.0172	38 16 30.9	19.317	0.101	80.7	298 303	38 4918
11030	8.5	57 47.35	2.8181	0.0157	35 19 57.1	19.320	0.102	84.0	66 322 519 521	35 4949
11031	8.9	22 57 47.71	+2.8142	+0.0159	+35 45 10.0	+19.320	+0.102	80.8	289 329	35 4948
11032	8.8	57 48.42	2.8181	0.0157	35 20 41.0	19.320	0.102	93.2	523 556 717	35 4950
11033	8.2	57 52.37	2.8007	0.0166	37 10 51.6	19.322	0.101	81.2	306 471	37 4754
11034	8.8	58 7.42	2.7709	0.0182	40 12 8.0	19.328	0.100	86.3	44 47 528 534	40 4981
11035	8.7	58 15.92	2.7949	0.0171	37 56 10.8	19.331	0.100	84.8	331 334 546	37 4758
11036	8.6	22 58 16.93	+2.7731	+0.0182	+40 3 51.2	+19.331	+0.100	79.8	60 64	39 4997
11037	8.5	58 17.48	2.8080	0.0164	36 36 38.0	19.332	0.101	84.1	66 523 M23	36 4997
11038	9.0	58 19.56	2.8184	0.0159	35 31 55.8	19.333	0.101	86.7	322 521	[35 4951]
11039	8.9	58 27.06	2.7988	0.0169	37 37 15.7	19.335	0.099	81.2	306 471	37 4759
11040	8.4[7]	58 35.59	2.7986	0.0169	37 42 11.7	19.339	0.099	79.8	60 64	37 4760
11041	9.2	22 58 58.97	+2.8156	+0.0162	+36 6 57.6	+19.348	+0.100	80.8	289 329	36 5000
11042	8.8	59 33.99	2.7818	0.0182	39 48 35.7	19.361	0.098	84.1	44 47 528	39 5000
11043	8.4	59 37.69	2.7963	0.0175	38 24 17.0	19.362	0.098	89.1	303 556 717	38 4926
11044	8.9	59 53.56	2.8244	0.0161	35 34 4.4	19.369	0.098	88.6	66 523 581	35 4957
11045	8.6	59 53.97	2.7874	0.0181	39 24 56.3	19.369	0.097	86.3	44 47 528 534	39 5003
11046	8.8	23 0 10.60	+2.7919	+0.0180	+39 55 47.3	+19.375	+0.097	86.3	60 64 557 565	39 5005
11047	7.3	0 18.48	2.8208	0.0164	36 8 44.5	19.378	0.098	87.0	55 518 525 532	36 5003
11048	8.9	0 29.56	2.8312	0.0159	35 5 23.5	19.382	0.097	88.4	5 Beob.[8]	34 4841
11049	7.6	0 31.25	2.8052	0.0173	37 53 39.1	19.383	0.096	89.6	52 544 588 590	37 4765
11050	9.0	0 37.02	2.8209	0.0165	36 16 26.0	19.385	0.097	90.0	52 544 706 710	36 5004

[1] Z. 347 706 710 715 716 [2] Z. 298 303 706 710 715 716 [3] Z. 322 519 521 556 717
[4] Z. 331 334 546 572 581 [5] Z. 44 47 528 534 706 710 [6] Z. 322 519 521 556 717 [7] 8.8 8.0; BD 9.0
[8] Z. 322 519 521 551 582

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11051	8.2	23h 1m 0s.36	+2s.8105	+0s.0172	+37° 34' 2".7	+19".394	+0".096	85.6	5 Beob.[1]	37° 4769
11052	8.5	1 1.49	2.7977	0.0180	38 53 50.6	19.394	0.095	80.7	298 303	38 4932
11053	8.1	1 1.69	2.8127	0.0171	37 20 24.8	19.394	0.096	88.9	296 588 590	37 4768
11054	6.5	1 8.97	2.8349	0.0159	34 57 38.5	19.397	0.096	88.4	5 Beob.[2]	34 4847
11055	9.4	1 11.37	2.8141	0.0171	37 15 51.1	19.398	0.096	81.2	306 471	37 4770
11056	8.9	23 1 23.81	+2.7863	+0.0187	+40 12 49.3	+19.402	+0.095	86.2	44 47 528 534	40 4997
11057	7.5	1 24.92	2.7898	0.0186	39 52 29.7	19.403	0.095	79.8	60 64	39 5007
11058	8.6	1 35.52	2.8307	0.0163	35 37 34.2	19.406	0.095	89.6	66 523 588 590	35 4958
11059	8.0[3]	1 56.13	2.7997	0.0182	39 7 10.6	19.414	0.094	86.2	44 47 528 534	39 5008
11060	8.9	2 0.54	2.8294	0.0165	35 57 48.6	19.416	0.095	89.0	6 Beob.[4]	35 4960
11061	9.3	23 2 27.61	+2.7939	+0.0187	+39 58 6.5	+19.426	+0.093	86.3	60 64 557 565	39 5012
11062	8.6	2 29.72	2.7972	0.0186	39 38 39.7	19.426	0.093	80.7	298 303	39 5013
11063	7.0	2 53.54	2.8101	0.0180	38 29 29.6	19.435	0.092	83.0	52 60 64 544	38 4939
11064	7.4	3 4.02	2.8132	0.0178	38 14 19.1	19.439	0.092	89.1	6 Beob.[5]	38 4940
11065	9.4	3 14.57	2.8122	0.0180	38 25 38.6	19.442	0.092	80.7	301 309	38 4941
11066	8.5	23 3 14.75	+2.8067	+0.0184	+39 0 42.5	+19.442	+0.092	81.2	306 471	38 4942
11067	8.4	3 22.16	2.8035	0.0186	39 27 25.1	19.447	0.091	86.2	44 47 528 534	39 5018
11068	8.1	3 42.69	2.8042	0.0187	39 30 22.9	19.452	0.091	86.2	44 47 528 534	39 5021
11069	8.9	3 50.73	2.8125	0.0183	38 41 30.8	19.455	0.091	88.8	6 Beob.[6]	38 4944
11070	7.9	3 53.42	2.8280	0.0173	37 0 37.0	19.456	0.091	87.0	55 518 525 532	36 5010
11071	6.8	23 3 59.59	+2.8122	+0.0183	+38 47 30.6	+19.458	+0.091	80.7	298 303	38 4945
11072	8.2	4 3.09	2.8359	0.0169	36 11 5.4	19.460	0.092	89.6	52 544 557 565	36 5011
11073	7.4	4 6.65	2.8362	0.0169	36 10 14.9	19.461	0.091	80.7	292 296	36 5012
11074	8.7	4 14.30	2.8464	0.0163	35 2 8.7	19.464	0.091	88.4	5 Beob.[7]	34 4854
11075	8.4	4 32.35	2.8285	0.0175	37 15 43.2	19.470	0.090	80.7	301 309	37 4777
11076	9.6	23 4 33.75	+2.8328	+0.0173	+36 47 2.4[8]	+19.470	+0.090	91.1 90.6	8 Beob.[8]	36 5014
11077	9.3	4 47.07	2.8498	0.0163	34 53 17.9	19.475	0.090	86.3	66 523	*34 4857*
11078	8.1	5 23.71	2.8326	0.0176	37 13 1.9	19.488	0.089	80.7	301 309	37 4782
11079	8.4	5 30.29	2.8303	0.0178	37 32 29.4	19.490	0.088	80.7	298 303	37 4785
11080	8.7	5 30.33	2.8071	0.0193	40 5 34.0	19.490	0.088	86.2	44 47 528 534	39 5028
11081	9.1	23 5 34.60	+2.8419	+0.0171	+36 12 58.9	+19.492	+0.089	89.0	6 Beob.[9]	36 5017
11082	8.1	5 42.84	2.8433	0.0171	36 7 0.6	19.494	0.089	89.6	52 544 588 590	36 5020
11083	9.1	5 43.46	2.8445	0.0170	35 59 28.5	19.494	0.089	89.6	66 523 551 582	35 4972
11084	8.9	5 45.58	2.8376	0.0175	36 49 25.3	19.495	0.088	89.1	6 Beob.[10]	36 5019
11085	8.6	5 50.17	2.8110	0.0192	39 50 39.8	19.497	0.088	86.1	44 47 528 534	39 5029
11086	9.5	23 6 0.20	+2.8476	+0.0169	+35 44 51.2	+19.500	+0.088	86.8	292 296 557 565	35 4973
11087	9.0	6 0.71	2.8517	0.0166	35 15 22.6	19.500	0.088	90.0	52 544 706 710	35 4974
11088	8.7	6 2.58	2.8537	0.0165	35 1 29.9	19.501	0.088	88.4	5 Beob.[11]	34 4864
11089	9.1	6 11.77	2.8454	0.0171	36 6 11.8	19.504	0.088	87.0	55 518 525 532	35 4975
11090	8.3	6 20.15	2.8290	0.0183	38 6 14.8	19.507	0.087	79.8	60 64	37 4787
11091	6.7	23 6 27.61	+2.8450	+0.0172	+36 17 18.5	+19.509	+0.087	89.6	52 544 588 590	36 5021
11092	8.8	6 43.15	2.8562	0.0166	35 2 54.8	19.515	0.087	89.6	66 523 551 582	34 4869
11093	9.1	6 52.61	2.8205	0.0191	39 19 33.0	19.518	0.086	86.2	44 47 528 534	39 5031
11094	7.4[12]	7 11.32	2.8221	0.0191	39 19 23.4	19.524	0.085	79.8	60 64	39 5033
11095	8.6	7 19.77	2.8482	0.0174	36 20 28.3	19.527	0.086	80.7	292 296	36 5023
11096	8.5	23 7 28.09	+2.8589	+0.0167	+35 4 56.7	+19.530	+0.086	88.4	5 Beob.[13]	34 4870
11097	9.1	7 40.16	2.8577	0.0169	35 19 59.9	19.534	0.086	86.8	6 Beob.[14]	35 4983
11098	8.4	7 40.55	2.8309	0.0187	38 34 19.5	19.534	0.085	80.7	301 309	38 4956
11099	9.1	7 49.67	2.8293	0.0189	38 50 24.7	19.537	0.085	81.2	306 471	38 4957
11100	8.2	7 49.76	2.8199	0.0195	39 54 50.7	19.537	0.085	79.8	60 64	39 5035

[1] Z. 292 301 309 557 565 [2] Z. 322 519 521 551 582 [3] Dpl. 4" bor. [4] Z. 55 518 525 532 551 582
[5] Z. 298 303 551 582 713 715 [6] Z. 60 64 557 565 713 715 [7] Z. 322 519 521 551 582
[8] Z. 292 296 713 716; M 320 321 [7".8]; R(2) [9] Z. 55 518 525 532 557 565 [10] Z. 301 309 588 590 713 715
[11] Z. 322 519 521 551 582 [12] Dpl. 11" [13] Z. 322 519 521 557 565 [14] Z. 52 55 518 525 532 544

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11101	7.5	23h 8m 0.89	+2.8189	+0.0197	+40° 7' 10.0	+19.541	+0.084	86.2	44 47 528 534	40° 5023
11102	8.7	8 3.68	2.8549	0.0172	35 53 17.4	19.541	0.085	89.6	66 523 551 582	35 4984
11103	9.4	8 16.31	2.8267	0.0193	39 22 13.1	19.546	0.084	88.8	303 557 565	39 5037
11104	8.8	8 49.80	2.8229	0.0198	40 6 49.7	19.556	0.083	86.2	44 47 528 534	40 5026
11105	8.6	8 59.56	2.8637	0.0170	35 15 6.6	19.560	0.084	86.0	7 Beob. [1]	35 4986
11106	8.5	23 9 9.32	+2.8281	+0.0196	+39 41 26.8	+19.563	+0.082	79.8	60 64	39 5041
11107	8.6	9 24.93	2.8626	0.0172	35 37 3.8	19.568	0.083	89.6	66 523 551 582	35 4988
11108	8.5	9 31.04	2.8471	0.0184	37 37 10.9	19.570	0.082	89.6	52 544 557 565	37 4797
11109	9.0	9 39.55	2.8321	0.0195	39 29 57.0	19.572	0.082	86.2	44 47 528 534	39 5043
11110	8.5	10 19.96	2.8572	0.0180	36 47 51.1	19.585	0.081	89.6	52 544 557 565	36 5032
11111	8.5	23 10 20.67	+2.8563	+0.0181	+36 54 58.9	+19.585	+0.081	86.8	6 Beob. [2]	36 5033
11112	7.8	10 25.84	2.8458	0.0189	38 16 38.5	19.587	0.080	79.8	60 64	38 4965
11113	9.1	10 31.96	2.8630	0.0177	36 9 19.3	19.589	0.081	80.7	292 296	36 5034
11114	8.9	10 49.86	2.8358	0.0199	39 42 42.3	19.594	0.080	88.5	6 Beob. [3]	39 5048
11115	9.0	10 50.47	2.8648	0.0176	36 4 48.8	19.595	0.081	89.9	7 Beob. [4]	35 4991
11116	8.8	23 10 52.78	+2.8477	+0.0190	+38 17 32.0	+19.595	+0.080	80.7	298 303	38 4966
11117	8.1	10 57.88	2.8562	0.0184	37 16 48.3	19.597	0.079	86.8	301 309 557 565	37 4801
11118	9.4	11 9.61	2.8450	0.0193	38 47 28.6	19.601	0.079	80.7	301 309	38 4969
11119	8.2	11 12.66	2.8588	0.0183	37 4 42.8	19.602	0.079	80.7	292 296	36 5036
11120	8.5	11 19.45	2.8359	0.0201	39 58 46.2	19.604	0.079	79.8	60 64	39 5052
11121	9.0	23 11 19.87	+2.8697	+0.0175	+35 42 39.3	+19.604	+0.080	89.6	66 523 551 582	35 4992
11122	9.3	11 24.84	2.8696	0.0176	35 46 22.0	19.605	0.080	87.0	55 518 525 532	35 4993
11123	8.7	11 32.79	2.8734	0.0172	35 19 24.2	19.608	0.079	87.0	55 518 525 532	35 4995
11124	9.0	11 55.44	2.8407	0.0200	39 45 1.4	19.615	0.078	88.5	6 Beob. [5]	39 5053
11125	9.1	12 9.49	2.8552	0.0190	38 4 23.5	19.619	0.079	86.2	60 64 557 565	37 4807
11126	8.6	23 12 21.60	+2.8624	+0.0185	+37 14 55.7	+19.623	+0.078	86.8	292 296 588 590	37 4809
11127	8.8	12 29.32	2.8748	0.0176	35 39 34.6	19.625	0.078	88.4	5 Beob. [6]	35 4999
11128	8.6	12 30.42	2.8649	0.0184	37 0 37.5	19.625	0.077	90.0	52 544 706 710	36 5040
11129	7.5	12 40.79	2.8774	0.0175	35 24 24.1	19.628	0.077	89.6	66 523 588 590	35 5001
11130	8.7	12 50.61	2.8466	0.0200	39 33 48.1	19.631	0.076	86.2	44 47 528 534	39 5056
11131	8.2	23 12 53.54	+2.8452	+0.0202	+39 45 17.0	+19.632	+0.076	79.8	60 64	39 5058
11132	8.9	12 53.75	2.8754	0.0177	35 48 8.9	19.632	0.077	87.0	55 518 525 532	35 5002
11133	8.7	12 55.77	2.8494	0.0198	39 15 22.0	19.633	0.076	88.8	303 557 565	39 5059
11134	8.6	13 4.46	2.8737	0.0180	36 8 33.6	19.635	0.077	90.0	52 544 706 710	36 5042
11135	8.3	13 15.94	2.8495	0.0200	39 26 17.1	19.639	0.075	81.2	306 471	39 5061
11136	9.2	23 13 18.68	+2.8473	+0.0202	+39 44 4.8	+19.640	+0.075	80.7	301 309	39 5060
11137	8.9	13 22.35	2.8784	0.0177	35 39 10.9	19.641	0.076	89.6	66 523 551 582	35 5006
11138	6.6	13 22.66	2.8821	0.0175	35 8 31.0	19.641	0.076	85.5	322 519 521	35 5007
11139	9.3	13 36.04	2.8729	0.0183	36 33 48.4	19.645	0.076	80.7	292 296	36 5044
11140	8.6	13 40.57	2.8606	0.0193	38 15 39.5	19.646	0.075	80.7	301 309	38 4979
11141	7.5	23 13 45.66	+2.8583	+0.0196	+38 36 22.0	+19.648	+0.075	80.7	298 303	38 4980
11142	8.9	13 59.14	2.8830	0.0176	35 21 35.7	19.651	0.075	89.0	6 Beob. [7]	35 5009
11143	8.6	14 5.97	2.8520	0.0202	39 37 22.6	19.653	0.074	86.2	44 47 528 534	39 5062
11144	8.6	14 7.94	2.8486	0.0205	40 4 41.1	19.654	0.074	79.8	60 64	39 5063
11145	8.8	14 14.70	2.8757	0.0184	36 33 2.5	19.656	0.075	88.5	52 557 565	36 5046
11146	8.6	23 14 30.44	+2.8798	+0.0181	+36 7 43.3	+19.660	+0.074	80.7	292 296	36 5047
11147	8.2	14 41.76	2.8756	0.0186	36 50 10.4	19.664	0.074	91.2	6 Beob. [8]	36 5048
11148	9.2	14 42.06	2.8709	0.0190	37 29 29.3	19.664	0.073	80.7	298 303	37 4816
11149	9.6	14 49.55	2.8829	0.0180	35 52 13.5	19.666	0.074	91.5	5 Beob. [9]	35 5011
11150	5.9	14 51.61	2.8715	0.0190	37 29 59.5	19.666	0.073	86.4	9 Beob. [10]	37 4817

[1] Z. 55 292 296 518 521 525 532 (obl.) [2] Z. 52 55 518 525 532 544 [3] Z. 44 47 528 534 588 590
[4] Z. 322 519 521 551 582 713 715 [5] Z. 44 47 528 534 588 590 [6] Z. 322 519 521 551 582
[7] Z. 55 518 525 532 551 582 [8] Z. 52 544 706 710 713 715 [9] Z. 66 713 715; R(2)
[10] Z. 706 710 716 717; M 41 134 135 136 150

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11151	8.9	23h 14m 52s.12	+2s.8599	+0s.0200	+39° 3′ 48″.8	+19″.666	+0″.073	86.2	44 47 528 534	38° 4982
11152	9.5	14 59.45	2.8814	0.0182	36 11 22.4	19.669	0.074	80.7	301 309	36 5049
11153	6.9	15 17.12	2.8705	0.0193	37 53 53.8	19.674	0.073	83.0	52 60 64 544	37 4820
11154	7.0	15 20.55	2.8854	0.0180	35 48 58.6	19.675	0.073	90.3	519 521 551 582	35 5012
11155	9.6	15 29.43	2.8803	0.0186	36 38 59.8	19.677	0.072	88.8	296 557 565	36 5052
11156	9.0	23 15 33.17	+2.8906	+0.0177	+35 11 23.7	+19.678	+0.073	87.0	55 518 525 532	35 5014
11157	8.8	15 42.48	2.8607	0.0204	39 29 29.9	19.681	0.071	86.2	44 47 528 534	39 5068
11158	8.6	15 43.55	2.8865	0.0181	35 53 45.9	19.681	0.072	89.7	66 523 588 590	35 5015
11159	8.7	16 28.90	2.8903	0.0182	35 47 29.0	19.694	0.071	90.3	519 521 551 582	35 5020
11160	9.0	16 30.28	2.8621	0.0207	39 48 12.7	19.694	0.070	86.2	60 64 557 565	39 5071
11161	9.0	23 16 56.05	+2.8872	+0.0187	+36 32 30.3	+19.701	+0.070	87.0	55 518 525 532	36 5054
11162	9.0	16 58.04	2.8881	0.0186	36 25 9.4	19.702	0.070	88.6	52 588 590	36 5055
11163	8.7	16 59.51	2.8752	0.0198	38 18 50.0	19.702	0.069	88.5	6 Beob.[1]	38 4988
11164	8.7	17 8.97	2.8747	0.0199	38 28 30.7	19.705	0.069	80.7	298 303	38 4990
11165	9.4	17 33.26	2.8949	0.0183	35 45 46.3	19.711	0.069	89.6	66 523 551 582	35 5023
11166	7.9	23 17 35.05	+2.8691	+0.0206	+39 32 53.6	+19.712	+0.068	79.8	60 64	39 5073
11167	8.6	17 39.69	2.8874	0.0191	36 58 4.4	19.713	0.069	88.6	52 588 590	36 5058
11168	8.6	17 45.42	2.8650	0.0211	40 13 50.3	19.715	0.068	86.2	44 47 528 534	40 5063
11169	9.2	17 46.23	2.8681	0.0209	39 48 27.2	19.715	0.068	80.7	298 303	39 5075
11170	9.4	17 47.59	2.8697	0.0207	39 36 14.8	19.715	0.068	88.5	60 557 565	39 5076
11171	8.4	23 17 51.62	+2.8899	+0.0189	+36 43 13.6	+19.716	+0.068	89.0	6 Beob.[2]	36 5060
11172	9.0	17 59.41	2.8895	0.0191	36 52 27.2	19.718	0.068	80.7	292 296	36 5061
11173	8.6	18 4.35	2.8863	0.0194	37 23 16.7	19.720	0.068	80.7	301 309	37 4832
11174	9.2	18 23.83	2.8739	0.0207	39 24 51.9	19.725	0.067	80.7	298 303	39 5077
11175	9.1	18 30.44	2.8687	0.0210	40 12 45.3	19.726	0.067	84.0	44 47 534	— —
11176	9.0	23 18 34.27	+2.8691	+0.0210	+40 12 5.9	+19.727	+0.066	93.4	528 713 715	40 5066
11177	9.5	18 39.00	2.9037	0.0180	35 5 13.1	19.729	0.067	80.7	313 315	34 4918
11178	7.0	18 39.40	2.9000	0.0183	35 40 34.0	19.729	0.067	89.6	66 523 551 582	35 5024
11179	9.1	19 11.45	2.8819	0.0204	38 47 21.5	19.737	0.066	79.8	60 64	38 4995
11180	7.8	19 16.17	2.9038	0.0183	35 28 39.9	19.738	0.066	90.4	519 521 551 582	35 5025
11181	8.3	23 19 33.61	+2.8735	+0.0214	+40 15 44.6	+19.743	+0.065	87.8	5 Beob.[3]	40 5073
11182	9.3	19 38.06	2.8849	0.0204	38 39 30.6	19.744	0.065	80.7	301 309	38 4996
11183	9.1	19 48.09	2.8779	0.0211	39 47 45.8	19.747	0.064	80.7	298 303	39 5081
11184	8.5	19 48.20	2.8762	0.0213	40 2 25.4	19.747	0.064	79.8	60 64	39 5082
11185	6.5	19 58.49	2.8865	0.0204	38 39 11.8	19.749	0.064	83.5	52 301 309 544	38 4999
11186	9.3	23 20 14.38	+2.9000	+0.0192	+36 44 45.2	+19.753	+0.064	80.7	292 296	36 5065
11187	9.6	20 25.11	2.8894	0.0204	38 30 51.2	19.756	0.064	87.8	306 471(½) 557 565	38 5002
11188	6.9	20 25.67	2.8815	0.0212	39 42 17.1	19.756	0.063	80.7	298 303	39 5085
11189	9.1	20 34.81	2.8849	0.0209	39 17 55.5	19.758	0.063	79.8	60 64	39 5086
11190	8.9	20 39.44	2.9050	0.0189	36 12 55.8	19.759	0.064	79.8	52 55 544	36 5066
11191	8.3	23 20 43.77	+2.9101	+0.0184	+35 24 57.4	+19.761	+0.064	89.6	66 523 551 582	35 5028
11192	9.5	20 47.38	2.9076	0.0187	35 53 15.8	19.762	0.064	89.5	518 525 532	35 5029
11193	8.5	20 49.32	2.8926	0.0203	38 18 25.3	19.762	0.063	87.1	306 471 557 565	38 5004
11194	8.6	20 59.42	2.8998	0.0197	37 17 34.4	19.764	0.063	80.7	301 309	37 4842
11195	8.1	21 4.23	2.8999	0.0197	37 20 3.3	19.766	0.063	80.7	301 309	37 4843
11196	8.7	23 21 5.67	+2.9067	+0.0190	+36 13 56.4	+19.766	+0.063	90.8	5 Beob.[4]	36 5067
11197	8.5	21 7.77	2.9126	0.0184	35 16 37.6	19.766	0.063	89.8	322 521 551 582	35 5030
11198	9.4	21 8.30	2.9031	0.0194	36 51 48.6	19.766	0.063	91.1	5 Beob.[5]	36 5068
11199	8.6	21 25.55	2.9074	0.0191	36 21 39.5	19.771	0.063	90.0	66 523 706 710	36 5069
11200	9.0	21 30.83	2.8939	0.0206	38 35 43.7	19.772	0.062	86.2	44 47 528 534	38 5007

[1] Z. 44 47 528 534 557 565 [2] Z. 55 518 525 532 588 590 [3] Z. 44 47 528 534 557
[4] Z. 518 525 532 588 590 [5] Z. 292 706 710 713 715

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11201	8.1	23h 21m 33s.68	+2s.9006	+0s.0199	+37° 33′ 21″.7	+19″.773	+0″.062	89.7	52 544 588 590	37° 4846
11202	8.8	22 14.52	2.9124	0.0191	36 5 32.7	19.783	0.061	89.0	6 Beob. [1]	35 5034
11203	8.9	22 14.80	2.9005	0.0203	38 4 32.8	19.783	0.061	80.7	298 303	37 4847
11204	8.6	22 23.69	2.8934	0.0212	39 18 19.7	19.785	0.060	88.5	6 Beob. [2]	39 5092
11205	7.2	22 35.29	2.8967	0.0209	38 55 51.9	19.788	0.060	79.8	60 64	38 5012
11206	8.0	23 22 36.51	+2.8964	+0.0210	+39 0 7.0	+19.788	+0.060	79.8	60 64	38 5013
11207	8.6	22 57.59	2.9210	0.0185	35 6 33.4	19.793	0.060	88.4	5 Beob. [3]	35 5038
11208	8.4	23 8.97	2.8925	0.0218	40 0 54.1	19.796	0.059	86.2	44 47 528 534	39 5095
11209	8.6	23 11.02	2.9077	0.0201	37 33 50.8	19.796	0.059	88.5	52 544 565	37 4850
11210	8.3	23 13.40	2.9085	0.0201	37 27 46.7	19.797	0.059	80.7	292 296	37 4851
11211	7.5	23 23 31.03	+2.9069	+0.0204	+37 57 16.8	+19.801	+0.059	89.7	52 544 588 590	37 4852
11212	9.0	23 54.80	2.8952	0.0220	40 10 47.8	19.806	0.057	86.2	44 47 528 534	40 5092
11213	8.9	24 0.02	2.9207	0.0193	35 55 20.5	19.807	0.059	89.6	66 523 551 582	35 5039
11214	8.7	24 4.91	2.9226	0.0190	35 38 43.7	19.808	0.058	89.0	6 Beob. [4]	35 5040
11215	9.3	24 5.12	2.9108	0.0204	37 43 37.6	19.809	0.058	79.8	60 64	37 4854
11216	8.7	23 24 19.29	+2.9120	+0.0204	+37 41 58.4	+19.812	+0.057	80.7	298 303	37 4855
11217	6.1	24 33.76	2.9115	0.0206	37 58 21.6	19.815	0.057	91.0	6 Beob. [5]	37 4856
11218	8.9	24 45.05	2.9292	0.0186	34 55 19.4	19.817	0.057	85.5	322 519 521	*34 4941*
11219	8.8	24 54.68	2.8999	0.0222	40 12 29.2	19.820	0.056	86.2	44 47 528 534	40 5094
11220	5.8	25 9.12	2.9109	0.0210	38 32 58.1	19.823	0.055	87.1 [6]	16 Beob. [7]	38 5023
11221	8.4	23 25 20.22	+2.9060	+0.0217	+39 31 21.2	+19.825	+0.055	79.8	60 64	39 5098
11222	8.8	25 50.32	2.9223	0.0202	37 3 48.0	19.832	0.054	89.6	52 544 557 565	36 5076
11223	8.2	25 51.04	2.9193	0.0205	37 37 3.2	19.832	0.054	80.7	298 303	37 4861
11224	8.6	25 51.74	2.9314	0.0191	35 22 8.8	19.832	0.055	88.4	5 Beob. [8]	35 5044
11225	7.2	25 53.69	2.9054	0.0223	40 4 50.0	19.833	0.054	79.8	60 64	39 5099
11226	8.8	23 26 5.17	+2.9327	+0.0190	+35 18 22.8	+19.835	+0.055	89.5	523 551 582 M23	35 5045
11227	8.6	26 7.53	2.9057	0.0224	40 14 36.5	19.836	0.054	86.2	44 47 528 534	40 5099
11228	8.6	26 14.38	2.9332	0.0191	35 19 3.9	19.837	0.054	85.6	5 Beob. [9]	35 5047
11229	9.2	26 59.13	2.9185	0.0214	38 41 47.4	19.847	0.052	84.1	6 Beob. [10]	38 5029
11230	8.5	27 1.18	2.9387	0.0188	34 51 36.1	19.847	0.053	84.5 84.0	66 322(a ½) 519 521	*34 4951*
11231	8.5	23 27 5.40	+2.9229	+0.0209	+37 58 55.4	+19.848	+0.052	80.7	298 303	37 4862
11232	8.6	28 27.53	2.9212	0.0222	39 28 51.6	19.865	0.050	86.2	44 47 528 534	39 5113
11233	6.0	28 30.87	2.9210	0.0222	39 32 50.1	19.865	0.049	83.3	10 Beob. [11]	39 5114
11234	8.0	28 31.91	2.9338	0.0206	37 6 22.7	19.865	0.050	89.7	52 544 588 590	36 5082
11235	8.5	28 33.43	2.9189	0.0226	39 59 15.5	19.866	0.049	88.5	64 557 565	39 5115
11236	9.4	23 28 33.95	+2.9421	+0.0194	+35 26 48.9	+19.866	+0.050	89.0	6 Beob. [12]	35 5053
11237	7.3	28 34.76	2.9418	0.0195	35 30 48.8	19.866	0.050	90.8	5 Beob. [13]	35 5054
11238	6.6	28 38.40	2.9331	0.0207	37 19 58.3	19.867	0.049	80.7	292 296	37 4866
11239	9.3	28 58.42 [14]	2.9456	0.0192	35 4 4.4	19.871	0.050	93.5 90.0	66 582 713 715	34 4956
11240	9.4	29 8.12	2.9263	0.0220	39 6 36.7	19.873	0.048	92.9	557 565	39 5117
11241	9.0	23 29 14.87	+2.9421	+0.0199	+36 3 26.4	+19.874	+0.049	93.5	588 713 715	35 5056
11242	8.6	29 21.13	2.9474	0.0192	35 0 43.1	19.875	0.049	85.4	322 519 521	34 4958
11243	8.9	29 22.09	2.9237	0.0226	39 49 53.2	19.876	0.048	86.2	44 47 528 534	39 5118
11244	8.8	29 23.77	2.9478	0.0192	34 57 47.4	19.876	0.049	90.8	5 Beob. [15]	34 4959
11245	8.2	29 38.24	2.9274	0.0222	39 20 57.1	19.879	0.048	88.5	6 Beob. [16]	39 5119
11246	8.6	23 29 41.88	+2.9447	+0.0199	+35 53 12.6	+19.879	+0.049	89.0	6 Beob. [17]	35 5057
11247	8.9	30 33.04	2.9499	0.0198	35 32 48.0	19.889	0.047	88.2	5 Beob. [18]	35 5061
11248	9.2	30 48.53	2.9431	0.0209	37 14 32.1	19.892	0.046	80.7	301 309	37 4871
11249	9.2	30 51.63	2.9504	0.0199	35 42 41.3	19.892	0.046	92.9	523 552 573	35 5062
11250	8.0	30 52.21	2.9531	0.0195	35 6 27.6	19.892	0.046	87.2	6 Beob. [19]	34 4966

[1] Z. 55 518 525 532 551 582 [2] Z. 44 47 528 534 557 565 [3] Z. 322 519 521 551 582 [4] Z. 55 518 525 532 557 565
[5] Z. 52 544 557 565 713 715 [6] E.B. +0s.024 −0″.07 (Porter) [7] Z. 298 303 588 590 706 710 713 715 716 717; M 129 133 134 135 136 150 [8] Z. 322 519 521 551 582 [9] Z. 55 66 518 525 532 [10] Z. 44 47 60 64 528 534
[11] Z. 716 717; M 128 129 130 133 134 135 136 150 [12] Z. 55 518 525 532 551 582 [13] Z. 52 544 710 713 715

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11251	8.0	23h 30m 54s.14	+2s.9397	+0s.0215	+38° 2' 48".8	+19".893	+0".045	81.2	306 471	37° 4872
11252	8.9	30 59.19	2.9338	0.0224	39 21 20.1	19.894	0.045	79.8	42 48	39 5122
11253	8.3	31 1.88	2.9369	0.0220	38 45 41.1	19.894	0.045	81.2	313 471	38 5037
11254	9.0	31 1.96	2.9339	0.0224	39 22 41.7	19.894	0.045	88.6	77 589 591	39 5123
11255	9.1	31 5.13	2.9425	0.0212	37 38 53.9	19.895	0.045	80.8	319 352	37 4873
11256	8.5	23 31 15.33	+2.9460	+0.0209	+37 2 53.9	+19.897	+0.045	80.7	313 315	36 5087
11257	7.5	31 16.65	2.9547	0.0195	35 7 26.1	19.897	0.046	89.4	296 715 716	35 5066
11258	9.4	31 24.05	2.9326	0.0230	39 59 54.1	19.898	0.044	81.3	362 474	39 5125
11259	8.6	31 26.11	2.9483	0.0207	36 42 4.9	19.899	0.045	80.7	301 309	36 5088
11260	9.5	31 59.25	2.9444	0.0217	38 6 7.2	19.905	0.043	86.8	313 315 566 583	37 4876
11261	8.1	23 32 1.79	+2.9365	+0.0229	+39 49 16.0	+19.905	+0.043	79.8	42 48 70	39 5127
11262	8.0	32 14.51	2.9376	0.0230	39 47 45.4	19.907	0.043	86.5	77 591	39 5129
11263	9.4	32 19.02	2.9509	0.0210	36 57 59.6	19.908	0.043	80.8	319 352	— —
11264	9.1	32 19.52	2.9568	0.0200	35 38 18.9	19.908	0.044	89.0	6 Beob. [20]	35 5068
11265	8.5	32 24.85	2.9412	0.0225	39 12 22.7	19.909	0.043	79.9	70 77	39 5131
11266	7.9	23 32 25.76	+2.9363	+0.0234	+40 16 38.8	+19.909	+0.043	81.3	362 474	40 5119
11267	8.1	32 30.88	2.9457	0.0219	38 21 14.1	19.910	0.042	80.7	301 309	38 5042
11268	8.5	32 35.93	2.9429	0.0224	39 2 52.4	19.911	0.042	81.3	362 474	38 5043
11269	8.7	32 36.63	2.9378	0.0233	40 8 7.9	19.911	0.042	79.8	42 48	40 5121
11270	9.4	32 37.12	2.9569	0.0202	35 53 47.8	19.911	0.043	80.7	292 296	35 5069
11271	9.1	23 32 39.18	+2.9547	+0.0206	+36 26 27.8	+19.912	+0.043	80.7	313 315	36 5094
11272	9.4	32 40.08	2.9587	0.0200	35 31 17.9	19.912	0.043	80.7	292 296	35 5070
11273	9.1	32 40.79	2.9525	0.0210	36 58 21.6	19.912	0.042	93.4	552 573 715 716	36 5093
11274	8.6	33 16.22	2.9492	0.0220	38 20 28.1	19.918	0.041	79.9	70 77	38 5044
11275	9.1	33 33.49	2.9458	0.0229	39 24 44.2	19.921	0.041	79.8	42 48	39 5134
11276	8.9	23 33 41.16	+2.9566	+0.0212	+37 2 59.8	+19.922	+0.040	88.2	5 Beob. [21]	36 5096
11277	9.1	33 43.12	2.9552	0.0214	37 24 31.3	19.923	0.040	81.3	362 474	37 4877
11278	6.0	33 51.53	2.9577	0.0211	36 57 46.0	19.924	0.040	80.7	292 296	36 5098
11279	8.9	34 10.63[22]	2.9645	0.0202	35 38 8.4	19.927	0.040	88.2 89.0	6 Beob. [23]	35 5073
11280	9.0	34 11.82	2.9627	0.0206	36 6 49.1	19.927	0.040	80.7	301 309	36 5099
11281	6.1	23 34 26.43	+2.9640	+0.0205	+36 1 38.4	+19.930	+0.040	88.5[23]	8 Beob. [24]	35 5074
11282	8.7	34 37.71	2.9556	0.0221	38 17 27.1	19.931	0.039	80.7	313 315	38 5049
11283	9.0	34 43.74	2.9674	0.0202	35 27 52.3	19.932	0.039	80.7	292 296	35 5075
11284	8.3	34 47.80	2.9685	0.0201	35 16 45.3	19.933	0.039	89.7	52 544 589 591	35 5076
11285	9.3	34 57.11	2.9498	0.0235	40 1 25.4	19.935	0.038	84.2	42 48 589	39 5139
11286	8.5	23 35 1.06	+2.9566	+0.0223	+38 29 22.3	+19.935	+0.038	80.7	301 309	38 5050
11287	9.5	35 17.19	2.9592	0.0221	38 8 17.7	19.938	0.037	80.7	313 315	38 5052
11288	7.4	35 18.97	2.9522	0.0234	39 51 50.4	19.938	0.037	86.4	70 77 566 583	39 5143
11289	8.9	35 20.54	2.9643	0.0213	36 56 12.3	19.938	0.037	80.7	292 296	36 5102
11290	9.0	35 21.28	2.9539	0.0232	39 31 13.8	19.938	0.037	81.3	362 474	39 5144
11291	9.0	23 35 21.35	+2.9618	+0.0217	+37 34 41.3	+19.938	+0.037	80.7	301 309	37 4880
11292	8.1	35 28.64	2.9699	0.0204	35 37 52.5	19.940	0.038	89.0	6 Beob. [25]	35 5079
11293	8.7	35 34.91	2.9685	0.0207	36 6 5.4	19.940	0.037	86.3	52 544	35 5080
11294	8.4	35 39.14	2.9549	0.0233	39 37 19.0	19.941	0.037	79.8	42 48	39 5145
11295	8.5	36 8.43	2.9666	0.0216	37 15 18.6	19.946	0.036	81.3	362 474	37 4881
11296	9.1	23 36 12.19	+2.9626	+0.0224	+38 21 55.8	+19.946	+0.036	79.9	70 77	38 5056
11297	9.0	36 30.08	2.9749	0.0204	35 25 42.3	19.949	0.036	90.8	5 Beob. [26]	35 5082
11298	8.9	36 32.64	2.9725	0.0209	36 8 2.9	19.949	0.036	80.7	292 296	36 5105
11299	8.6	36 40.23	2.9713	0.0213	36 35 57.2	19.950	0.035	80.7	301 309	36 5106
11300	9.0	36 43.62	2.9634	0.0228	38 45 40.9	19.951	0.035	86.3	42 48 566 583	38 5059

[14] Z. 66 [57s.91] [15] Z. 66 523 710 716 717 [16] Z. 44 47 528 534 589 591 [17] Z. 55 518 525 532 566 583
[18] Z. 55 518 525 532 573 [19] Z. 292 322 519 521 566 583 [20] Z. 55 518 525 532 552 573 [21] Z. 55 518 532 566 583
[22] Z. 55 518 525 532 [10s.20] 552 573 [23] E.B. +0s.020 +0".03 [24] Z. 52 544 566 583 715 716; M 136 150
[25] Z. 55 518 525 532 552 573 [26] Z. 518 525 532 552 573

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11301	8.9	23h 36m 48s.30	+2s.9651	+0s.0225	+38° 25' 41".9	+19".952	+0".035	86.4	70 77 566 583	38° 5058
11302	8.5	37 0.02	2.9740	0.0210	36 14 37.1	19.953	0.035	89.6	52 544 552 573	36 5108
11303	8.6	37 33.50	2.9730	0.0218	37 13 17.5	19.958	0.033	81.3	362 474	37 4882
11304	9.0	37 37.04	2.9643	0.0235	39 36 53.7	19.959	0.033	79.9	70 77	39 5152
11305	9.5	37 42.88	2.9706	0.0224	38 4 26.4	19.959	0.033	81.3	362 474	37 4883
11306	8.9	23 37 52.35	+2.9746	+0.0218	+37 9 42.1	+19.961	+0.033	80.7	292 296	37 4884
11307	9.0	37 54.51	2.9643	0.0239	39 59 37.8	19.961	0.033	79.8	42 48	39 5153
11308	8.9	37 55.53[1]	2.9798	0.0207	35 42 22.2	19.961	0.033	87.8 89.0	6 Beob. [1]	35 5083
11309	7.3	38 1.57	2.9805	0.0207	35 38 40.2	19.962	0.033	89.7	52 544 552 573	35 5086
11310	8.8	38 2.64	2.9743	0.0220	37 26 5.3	19.962	0.033	80.7	301 309	37 4885
11311	8.4	23 38 33.19	+2.9827	+0.0208	+35 38 8.3	+19.967	+0.032	89.0	6 Beob. [2]	35 5090
11312	9.0	39 13.51	2.9839	0.0212	36 8 25.5	19.972	0.030	89.7	52 544 552 573	36 5112
11313	9.6	39 16.07	2.9716	0.0239	39 48 15.4	19.972	0.030	87.1	362 474 566 583	39 5156
11314	8.4	39 20.21	2.9721	0.0239	39 44 54.3	19.973	0.030	79.8	42 48	31 5157
11315	9.2	39 23.68	2.9743	0.0235	39 13 2.0	19.973	0.030	79.9	70 77	39 5158
11316	8.3	23 39 36.33	+2.9830	+0.0218	+36 54 49.1	+19.975	+0.030	89.7	52 544 589 591	36 5114
11317	9.3	39 40.02	2.9843	0.0217	36 34 54.6	19.975	0.030	80.7	292 296	36 5115
11318	8.7	39 41.77	2.9843	0.0217	36 38 54.3	19.976	0.030	80.7	292 296	36 5116
11319	9.2	40 13.94	2.9827	0.0226	37 52 5.9	19.980	0.029	79.8	42 48	37 4889
11320	8.8	40 21.38	2.9908	0.0208	35 25 13.8	19.981	0.029	89.0	6 Beob. [3]	35 5094
11321	7.7	23 40 28.69	+2.9871	+0.0218	+36 48 53.0	+19.982	+0.028	89.7	52 544 566 583	36 5117
11322	9.5	40 37.96	2.9931	0.0206	35 1 47.2	19.983	0.029	80.7	313 315	34 5005
11323	8.9	40 50.36	2.9779	0.0245	40 13 19.1	19.984	0.027	79.8	42 48	40 5145
11324	9.5	40 55.55	2.9945	0.0206	34 57 23.7	19.985	0.028	80.7	313 315	34 5009
11325	8.8	41 17.46	2.9942	0.0211	35 35 58.2	19.987	0.027	89.0	6 Beob. [4]	35 5098
11326	9.2	23 41 26.37	+2.9951	+0.0210	+35 26 53.6	+19.989	+0.027	80.7	292 296	35 5100
11327	9.1	41 26.55	2.9892	0.0226	37 30 57.8	19.989	0.026	79.9	70 77	37 4890
11328	8.6	41 48.74	2.9973	0.0208	35 16 59.6	19 991	0.026	84.1	52 55 544	35 5102
11329	9.0	42 12.86	2.9989	0.0210	35 16 41.7	19.994	0.026	90.8	5 Beob. [5]	35 5104
11330	8.4	42 15.13	2.9986	0.0211	35 26 22.0	19.994	0.025	80.7	292 296	35 5106
11331	7.3	23 42 18.96	+2.9985	+0.0212	+35 34 49.4	+19.995	+0.025	80.7	301 309	35 5107
11332	9.2	42 30.98	2.9997	0.0211	35 24 58.0	19.996	0.025	80.7	301 309	35 5108
11333	8.5	42 47.31	3.0008	0.0211	35 27 12.5	19.998	0.024	80.7	292 296	35 5109
11334	9.1	42 59.58	2.9953	0.0230	37 50 12.6	19.999	0.024	88.6	77 589 591	37 4892
11335	8.7	42 59.73	2.9888	0.0247	40 5 31.3	19.999	0.024	86.4	42 48 589 591	39 5167
11336	8.7	23 43 9.71[6]	+3.0036	+0.0209	+34 58 20.1	+20.000	+0.024	89.6	52 544 552 573	34 5013
11337	9.4	43 16.81	3.0011	0.0217	36 9 2.4	20.001	0.023	86.3	292 296 566 583	36 5121
11338	5.8	43 23.99	3.0026	0.0214	35 43 55.0	20.002	0.023	87.6	11 Beob. [7]	35 5110
11339	7.7	43 48.73	3.0060	0.0210	35 4 38.9	20.004	0.023	89.7	52 544 552 573	34 5016
11340	9.0	44 26.94	3.0065	0.0217	35 56 22.6	20.008	0.021	89.0	6 Beob. [8]	35 5114
11341	8.8	23 44 44.84	+2.9992	+0.0244	+39 25 40.7	+20.010	+0.020	79.9	70 77	39 5173
11342	8.9	44 48.84	3.0093	0.0214	35 25 54.3	20.010	0.020	80.7	301 309	35 5116
11343	8.4	44 55.34	3.0100	0.0213	35 18 20.6	20.011	0.020	80.8	319 352	35 5118
11344	8.2	44 55.40	3.0109	0.0210	34 53 59.5	20.011	0.021	86.3	52 544	*34 5020*
11345	9.1	44 56.33	3.0037	0.0233	37 58 57.2	20.011	0.020	80.7	313 315	37 4896
11346	9.4	23 44 58.58	+3.0047	+0.0230	+37 38 5.5	+20.011	+0.020	80.8	323 M 143	37 4897
11347	7.1	44 59.72	3.0002	0.0245	39 30 20.6	20.011	0.020	81.3	362 474	39 5174
11348	9.1	45 2.80	3.0111	0.0211	35 1 59.6	20.012	0.020	80.7	292 296	34 5021
11349	8.7	45 13.23	3.0098	0.0218	35 54 22.7	20.013	0.020	80.8	319 352	35 5121
11350	8.8	45 13.30	3.0108	0.0215	35 31 7.7	20.013	0.020	80.7	313 315	35 5120

[1] Z. 55 [55s.18] 518 525 532 589 591 [2] Z. 55 518 525 532 566 583 [3] Z. 55 518 525 532 552 573
[4] Z. 55 518 525 532 552 573 [5] Z. 518 525 532 552 573 [6] Z. 52 9s.39 (79.8), übrige 9s.82 (92.9), E.B. +0s.02 wahrscheinlich
[7] Z. 55 319 518 525 532 589 591 715 716; M 41 150 [8] Z. 55 518 525 532 566 583

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
11351	8.9	23h 45m 15s.44	+3s.0028	+0s.0241	+38° 56′ 11″.5	+20″.013	+0″.020	89.1	6 Beob. [1]	38° 5084
11352	8.8	45 17.00	2.9999	0.0251	40 8 50.5	20.013	0.019	79.8	42 48	40 5162
11353	9.2	45 28.59	3.0112	0.0217	35 46 42.6	20.014	0.019	80.7	292 296	35 5122
11354	8.8	45 28.76	3.0034	0.0243	39 8 15.7	20.014	0.019	80.8	323; M 141 142	39 5178
11355	8.0	45 35.23	3.0085	0.0228	37 11 55.1	20.015	0.019	80.7	313[2] 315	37 4898
11356	7.4	23 45 38.59	+3.0019	+0.0250	+40 2 59.7	+20.015	+0.019	79.9	70 77	39 5179
11357	8.6	45 49.47	3.0097	0.0228	37 9 18.7	20.016	0.019	80.7	301 309	37 4899
11358	7.9	45 49.57	3.0130	0.0217	35 39 39.4	20.016	0.019	89.0	6 Beob. [3]	35 5124
11359	8.4	45 53.50	3.0052	0.0244	39 11 5.0	20.016	0.018	86.3	42 48 566 583	39 5180
11360	9.2	45 55.15	3.0049	0.0245	39 23 40.6	20.016	0.018	80.8	319 352	39 5181
11361	8.7	23 45 56.72	+3.0035	+0.0251	+40 1 47.2	+20.017	+0.018	81.3	362 474	39 5182
11362	9.0[4]	46 31.44	3.0109	0.0235	37 59 33.6	20.020	0.017	79.9	70 77	37 4901
11363	8.7	46 37.57	3.0154	0.0221	36 4 45.4	20.020	0.017	89.6	52 544 552 573	35 5126
11364	6.7	46 38.84	3.0151	0.0222	36 15 43.5	20.020	0.017	80.7	292 296	36 5126
11365	7.5	46 57.62	3.0191	0.0213	34 57 25.5	20.022	0.017	86.3	52 544	*34 5029*
11366	8.5	23 47 12.50	+3.0111	+0.0247	+39 20 10.0	+20.023	+0.016	79.8	42 48	39 5185
11367	9.3	47 33.88	3.0120	0.0250	39 43 29.7	20.025	0.015	79.9	70 77	39 5187
11368	9.0	47 40.76	3.0150	0.0242	38 33 48.1	20.025	0.015	81.3	362 474	38 5090
11369	6.1	47 44.70	3.0153	0.0241	38 35 11.4	20.026	0.015	81.3	362 474	38 5091
11370	8.4	48 2.02	3.0145	0.0250	39 37 10.2	20.027	0.015	79.8	42 48	39 5188
11371	8.8	23 48 13.60	+3.0184	+0.0239	+38 6 54.4	+20.028	+0.014	89.6	52 544 566 583	37 4902
11372	8.7	48 28.72	3.0215	0.0229	36 53 55.9	20.029	0.014	89.0 88.2	6 Beob. [5]	36 5130
11373	8.6	48 44.32	3.0221	0.0234	37 22 28.9	20.030	0.013	81.3	362 474	37 4903
11374	9.0	48 56.76	3.0254	0.0223	35 58 19.5	20.031	0.013	89.0	6 Beob. [6]	35 5130
11375	9.0	48 59.57	3.0254	0.0224	36 9 16.4	20.031	0.013	80.7	301 309	36 5133
11376	9.4	23 49 0.34	+3.0270	+0.0217	+35 14 23.3	+20.031	+0.013	80.7	292 296	35 5131
11377	8.8	49 3.89	3.0212	0.0244	38 39 50.3	20.031	0.013	79.8	42 48	38 5094
11378	8.1	49 6.00	3.0273	0.0218	35 15 36.6	20.032	0.013	89.6	52 544 552 573	35 5133
11379	9.3[7]	49 21.81	3.0241	0.0238	37 48 6.0	20.033	0.012	79.9	70 77	37 4905
11380	8.9	49 28.25	3.0260	0.0231	37 0 28.5	20.033	0.012	89.6	52 544 566 583	36 5134
11381	8.7	23 50 16.15	+3.0317	+0.0221	+35 32 1.5	+20.036	+0.010	89.0	6 Beob. [8]	35 5135
11382	9.0	50 40.88	3.0287	0.0246	38 40 28.2	20.038	0.010	79.9	70 77	38 5098
11383	7.7	50 41.87	3.0269	0.0256	39 54 23.4	20.038	0.010	79.8	42 48	39 5194
11384	8.9[9]	50 52.32	3.0319	0.0234	37 9 7.6	20.038	0.009	89.6	52 544 552 573	37 4908
11385	9.4	51 25.63	3.0319	0.0249	38 55 29.6	20.040	0.008	79.9	70 77	38 5100
11386	7.8	23 52 1.51	+3.0356	+0.0245	+38 16 5.9	+20.042	+0.007	81.3	362 474	38 5103
11387	9.0	52 9.71	3.0398	0.0222	35 23 34.0	20.042	0.007	89.0	6 Beob. [10]	35 5142
11388	8.4	52 12.84	3.0390	0.0228	36 12 46.0	20.043	0.007	89.6	52 544 566 583	36 5138
11389	9.3	52 24.30	3.0404	0.0225	35 44 29.3	20.043	0.007	80.7	292 296	35 5144
11390	7.2	52 31.48	3.0377	0.0246	38 24 59.1	20.044	0.006	88.1	5 Beob. [11]	38 5104
11391	8.0	23 52 36.18	+3.0359	+0.0260	+40 5 46.4	+20.044	+0.006	79.8	42 48	39 5202
11392	8.9	52 54.12	3.0381	0.0256	39 29 51.6	20.045	0.005	79.8	42 48	39 5204
11393	8.7	52 59.40	3.0429	0.0225	35 40 39.3	20.045	0.005	89.6	52 544 552 573	35 5145
11394	8.7	53 4.17	3.0409	0.0242	37 46 1.3	20.045	0.005	81.3	362 474	37 4911
11395	7.7	53 17.28	3.0426	0.0237	37 6 14.2	20.046	0.004	80.7	292 296	36 5141
11396	9.0	23 53 20.57	+3.0442	+0.0227	+35 54 4.5	+20.046	+0.004	89.0	6 Beob. [12]	35 5148
11397	8.8	53 22.38	3.0435	0.0233	36 35 21.3	20.046	0.004	80.7	301 309	36 5142
11398	9.4	53 27.53	3.0422	0.0246	38 16 2.6	20.046	0.004	79.9	70 77	38 5107
11399	6.3	53 38.72	3.0431	0.0246	38 9 47.6	20.047	0.004	79.8	42 48	38 5108
11400	8.2	53 46.09	3.0460	0.0228	35 53 23.2	20.047	0.003	89.6	52 544 566 583	35 5149

[1] Z. 301 309 552 573 715 716 [2] Dpl. praec. [3] Z. 55 518 525 532 552 573 [4] Dpl. 12″ seq.; Com. 9m.2
[5] Z. 55 518 525 532 552a 573 [6] Z. 55 518 525 532 566 583 [7] Dpl. aeq. 8″ med. [8] Z. 55 518 525 532 552 573
[9] Dpl. 2″ med. [10] Z. 55 518 525 532 552 573 [11] Z. 70 77 591 715 716 [12] Z. 55 518 525 532 566 583

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
11401	9.1	23h 53m 46s.63	+3s.0457	+0s.0230	+36° 10′ 14″.6	+20″.047	+0″.003	80.7	313 315	36° 5143
11402	6.3	53 50.40	3.0446	0.0241	37 36 31.1	20.047	0.003	81.3	362 474	37 4912
11403	8.7	54 4.79	3.0471	0.0229	36 2 37.8	20.048	0.003	89.0	6 Beob. [1]	35 5150
11404	9.2	54 8.65	3.0475	0.0228	35 50 26.4	20.048	0.003	80.7	301 309	35 5151
11405	8.8	54 12.48	3.0477	0.0229	35 58 24.9	20.048	0.003	80.8	319 352	35 5152
11406	8.7	23 54 23.81	+3.0469	+0.0244	+37 50 30.9	+20.048	+0.002	80.7	313 315	37 4916
11407	8.2	54 27.06	3.0487	0.0230	36 5 5.7	20.048	0.002	80.7	301 309	35 5153
11408	9.3	54 29.04	3.0496	0.0222	35 3 29.7	20.048	0.002	84.7	292 296 544	34 5045
11409	9.4	54 42.74	3.0503	0.0225	35 23 39.5	20.049	0.002	88.9	296 566 583	35 5155
11410	9.0	54 45.06	3.0508	0.0223	35 3 3.5	20.049	0.001	88.6	52 552 573	34 5047
11411	8.6	23 54 52.64	+3.0495	+0.0239	+37 12 13.9	+20.049	+0.001	81.3	362 474	37 4919
11412	8.5	54 57.74	3.0475	0.0264	40 7 24.6	20.049	0.001	79.8	42 48	40 5215
11413	8.3	55 0.89	3.0488	0.0254	38 54 58.3	20.049	0.001	86.4	70 77 589 591	38 5112
11414	9.2	55 7.95	3.0507	0.0240	37 12 37.5	20.050	0.001	80.7	313 315	37 4920
11415	8.6	55 25.36	3.0531	0.0228	35 39 15.5	20.050	0.000	87.0	55 518 525 532	35 5156
11416	9.0	23 55 29.30	+3.0535	+0.0227	+35 27 36.3	+20.050	+0.000	80.7	292 296	35 5157
11417	9.1	55 34.08	3.0510	0.0259	39 21 47.8	20.050	0.000	79.9	70 77	39 5208
11418	8.4	55 38.63	3.0535	0.0234	36 25 7.4	20.051	0.000	80.7	301 309	36 5144
11419	8.9	55 39.40	3.0514	0.0259	39 26 9.5	20.051	0.000	79.8	42 48	39 5209
11420	8.4	55 43.19	3.0524	0.0251	38 29 14.6	20.051	0.000	81.3	362 474	38 5113
11421	9.4	23 55 51.88	+3.0529	+0.0253	+38 42 55.8	+20.051	−0.001	80.7	315 319 352	38 5114
11422	8.3	55 52.68	3.0551	0.0227	35 31 28.9	20.051	0.001	89.6	52 544 552 573	35 5158
11423	9.4	56 8.16	3.0544	0.0251	38 26 48.9	20.051	0.001	80.7	301 309	38 5115
11424	9.1	56 19.78	3.0561	0.0241	37 8 34.4	20.052	0.001	80.7	292 296	37 4925
11425	7.7	56 22.05	3.0573	0.0225	35 7 10.5	20.052	0.002	89.0	6 Beob. [2]	35 5159
11426	8.4	23 56 32.47	+3.0555	+0.0263	+39 43 0.8	+20.052	−0.002	79.9	70 77	39 5211
11427	9.1	56 34.23	3.0580	0.0227	35 18 51.8	20.052	0.002	89.6	52 544 589 591	35 5161
11428	8.5	56 34.41	3.0559	0.0259	39 15 56.8	20.052	0.002	81.3	362 474	39 5212
11429	7.9	56 38.08	3.0562	0.0259	39 17 57.4	20.052	0.002	86.4	42 48 566 583	39 5213
11430	8.7	56 50.90	3.0581	0.0245	37 34 4.5	20.052	0.003	80.7	313 315 319	37 4926
11431	8.4	23 56 55.53	+3.0584	+0.0245	+37 32 52.6	+20.052	−0.003	80.8	319 352	37 4927
11432	9.4	57 18.91	3.0604	0.0242	37 10 31.9	20.053	0.004	80.7	301 309	37 4928
11433	8.4	57 32.42	3.0617	0.0235	36 16 25.6	20.053	0.004	88.2	5 Beob. [3]	36 5146
11434	8.2	57 44.75	3.0618	0.0253	38 25 37.0	20.053	0.004	79.8	42 48	38 5117
11435	8.8	58 15.10	3.0651	0.0227	35 5 29.2	20.054	0.006	89.6	52 544 552 573	34 5059
11436	8.8	23 58 21.63	+3.0649	+0.0246	+37 28 47.9	+20.054	−0.006	81.3	362 474	37 4930
11437	9.2	58 21.75	3.0652	0.0238	36 32 27.5	20.054	0.006	80.7	292 296	36 5148
11438	8.4	58 24.87	3.0650	0.0251	38 5 25.9	20.054	0.006	79.9	70 77	37 4931
11439	9.0	58 36.86	3.0661	0.0244	37 14 57.5	20.054	0.006	80.7	301 309	37 4932
11440	8.1	58 47.14	3.0672	0.0231	35 36 27.6	20.054	0.007	88.2	5 Beob. [4]	35 5164
11441	6.5	23 58 47.82	+3.0674	+0.0226	+34 52 34.6	+20.054	−0.007	86.3	52 544	*34 5061*
11442	9.3	58 51.90	3.0671	0.0251	38 3 15.0	20.054	0.007	95.1	M 320 R(3) [5]	37 4933
11443	9.0	58 56.30	3.0673	0.0255	38 30 25.6	20.054	0.007	79.8	42 48	38 5118
11444	8.9	58 57.76	3.0675	0.0251	38 2 55.4	20.054	0.007	85.9	7 Beob. [6]	37 4934
11445	8.8	59 13.03	3.0688	0.0240	36 36 15.7	20.054	0.007	80.7	301 309	36 5152
11446	9.0	23 59 17.58	+3.0692	+0.0235	+36 0 49.9	+20.054	−0.008	88.8	292 552 573	35 5166
11447	9.4	59 29.91	3.0698	0.0270	40 2 52.5	20.054	0.008	81.3	362 474	39 5218
11448	6.7	59 38.43	3.0705	0.0267	39 43 21.7	20.054	0.008	79.9	70 77	39 5219
11449	6.5	59 53.24	3.0716	0.0272	40 12 9.4	20.054	0.009	79.8	42 48	40 5233
11450	9.1	59 56.05	3.0719	0.0229	35 10 37.4	20.054	0.009	90.4	518 532 567 574	35 5170

[1] Z. 55 518 525 532 552 573 [2] Z. 55 518 525 532 566 583 [3] Z. 55 518 532 552 573
[4] Z. 55 518 532 566 583 [5] M 322 52s.81 5″.9 ausgeschl. [6] Z. 70 77 313 315 566 583 715

Anhang.

Catalog der in den vorläufigen Zonen von 1878 (I—XVIII) beobachteten Sterne.

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1	1	8.9	0ʰ 0ᵐ 22ˢ.52	+3ˢ.0739	+0ˢ.0252	+37° 55′ 47″.0	+20″.054	−0″.009	78.9	XIV XVII	37° 4936
2	5	9.1	1 4.99	3.0766	0.0230	35 2 59.4	20.054	0.011	78.9	» »	34 1
3	9	8.8	1 15.68	3.0774	0.0230	35 7 35.3	20.054	0.011	78.8	XI XII	35 3
4	13	8.9	1 35.69	3.0792	0.0243	36 34 33.5	20.054	0.012	78.9	XIV XVII	36 2
5	15	6.0	2 15.02	3.0817	0.0238	35 56 8.1	20.053	0.013	78.8	XI XII	35 8
6	19	8.9	0 2 24.17	+3.0826	+0.0243	+36 31 12.7	+20.053	−0.013	78.9	XIV XVII	36 4
7	24	9.1	3 9.79	3.0864	0.0252	37 33 27.4	20.052	0.015	78.8	XI XII	37 13
8	29	8.3	4 18.05	3.0910	0.0247	36 46 39.5	20.051	0.017	78.9	XIV XVII	36 8
9	34	9.0	5 1.08	3.0929	0.0235	35 14 9.2	20.049	0.019	78.8	XI XII	35 18
10	37	9.2	5 3.68	3.0936	0.0240	35 50 6.9	20.049	0.019	78.9	XIV XVII	35 20
11	39	8.8	0 5 31.22	+3.0950	+0.0236	+35 12 43.5	+20.048	−0.020	78.8	XI XII	35 22
12	43	9.1	5 44.89	3.0957	0.0234	35 0 50.7	20.048	0.020	78.9	XIV XVII	34 10
13	49	8.9	6 27.58	3.0985	0.0234	34 54 42.0	20.046	0.021	78.9	» »	*34 11*
14	53	9.0	6 58.36	3.1017	0.0243	35 55 39.0	20.045	0.022	78.8	XI XII	35 26
15	62	9.2	8 7.60	3.1073	0.0249	36 27 19.8	20.042	0.025	78.9	XIV XVII	36 17
16	63	8.8	0 8 28.67	+3.1078	+0.0243	+35 43 54.4	+20.041	−0.025	78.8	XI XII	35 30
17	64	8.4	8 33.54	3.1104	0.0257	37 22 37.9	20.040	0.025	78.9	XIV XVII	37 29
18	72	7.3	10 11.94	3.1153	0.0247	35 56 9.0	20.034	0.028	78.9	» »	35 35
19	73	8.1	10 12.26	3.1151	0.0246	35 47 41.5	20.034	0.028	78.9	XI XII XVII	35 34
20	83	7.8	11 1.02	3.1187	0.0247	35 51 22.2	20.031	0.030	78.9	XIV	35 40
21	93	3.3	0 11 48.10	+3.1224	+0.0250	+36 5 32.7	+20.028	−0.032	78.8	XI XII	35 44
22	95	8.0	12 4.15	3.1220	0.0243	35 17 44.0	20.026	0.032	78.9	XIV XVII	35 46
23	97	9.1	13 1.92	3.1272	0.0250	35 54 13.4	20.022	0.034	78.8	XI XII	35 49
24	101	9.0	13 16.11	3.1263	0.0242	34 55 3.5	20.021	0.035	78.9	XIV XVII	*34 37*
25	106	8.9	13 59.20	3.1309	0.0249	35 45 13.4	20.017	0.036	78.8	XI XII	35 52
26	110	9.3	0 14 34.75	+3.1317	+0.0243	+34 57 14.3	+20.014	−0.038	78.9	XIV XVII	34 39
27	112	7.9	14 36.03	3.1322	0.0245	35 11 8.3	20.014	0.038	78.9	» »	35 53
28	117	8.2	15 3.68	3.1350	0.0249	35 31 23.2	20.011	0.039	78.8	XI XII	35 55
29	120	7.3	15 49.54	3.1364	0.0243	34 50 33.5	20.006	0.040	78.9	XIV XVII	*34 42*
30	121	9.0	16 17.48	3.1411	0.0253	35 57 4.4	20.005	0.041	78.8	XI XII	35 60
31	127	8.4	0 16 57.16	+3.1460	+0.0261	+36 44 23.8	+19.999	−0.043	78.9	XIV XVII	36 45
32	128	8.8	17 10.35	3.1455	0.0257	36 12 30.3	19.998	0.043	78.8	XI XII	36 47
33	131	9.0	17 50.63	3.1506	0.0265	36 59 0.3	19.994	0.045	78.9	XIV XVII	36 50
34	139	8.4	19 1.53	3.1522	0.0255	35 47 29.4	19.985	0.047	78.8	XI XII	35 66
35	143	7.8	19 26.52	3.1519	0.0251	35 7 36.4	19.982	0.048	78.8	» »	35 69

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
36	145	9.4	0^h 19^m $34^s.63$	$+3^s.1581$	$+0^s.0266$	+36° 56′ 21″.8	$+19''.981$	$-0''.048$	78.9	XIV XVII	36° 54
37	148	9.0	19 42.89	3.1576	0.0263	36 37 12.5	19.980	0.048	78.9	» »	36 55
38	154	9.0	20 48.48	3.1662	0.0275	37 48 12.5	19.972	0.051	78.8	XI XII	37 69
39	155	8.1	20 55.10	3.1573	0.0249	34 53 43.7	19.971	0.051	78.9	XIV XVII	*34 56*
40	165	8.5	22 2.92	3.1676	0.0266	36 36 45.7	19.962	0.053	78.8	XI XII	36 62
41	167	9.0	0 22 15.57	+3.1686	+0.0266	+36 35 47.9	+19.960	−0.054	78.8	XII	36 65
42	168	6.3	22 18.70	3.1674	0.0261	36 12 28.6	19.959	0.054	78.9	XIV XVII	36 66
43	171	9.2	22 42.22	3.1710	0.0268	36 44 34.1	19.956	0.055	78.9	» »	36 68
44	174	9.0	23 2.90	3.1676	0.0255	35 23 6.7	19.953	0.055	78.8	XI	35 78
45	177	8.9	23 33.83	3.1681	0.0252	34 57 8.0	19.948	0.056	78.9	XIV XVII	*34 64*
46	180	8.7	0 23 56.41	+3.1716	+0.0257	+35 28 41.8	+19.945	−0.057	78.8	XI	35 83
47	187	8.9	24 57.68	3.1801	0.0269	36 34 32.5	19.935	0.059	78.9	XIV XVII	36 75
48	190	9.2	25 18.52	3.1764	0.0257	35 15 51.2	19.932	0.060	78.8	XI XII	35 87
49	195	8.4	26 12.36	3.1797	0.0256	35 10 5.2	19.923	0.061	78.9	XIV XVII	35 90
50	198	8.8	26 38.45	3.1846	0.0265	35 56 5.1	19.919	0.062	78.8	XI XII	35 92
51	204	9.1	0 27 24.51	+3.1878	+0.0264	+35 54 27.0	+19.911	−0.064	78.9	XIV XVII	35 93
52	209	7.3[1]	28 28.51	3.1932	0.0268	36 8 35.1	19.900	0.066	78.9	» »	36 87
53	213	9.3	28 41.89	3.1932	0.0266	35 54 29.3	19.897	0.066	78.8	XI XII	35 97
54	214	8.6	28 49.52	3.1896	0.0258	34 58 11.4	19.896	0.067	78.9	XIV XVII	34 79
55	216	8.5	28 53.08	3.1939	0.0266	35 53 25.6	19.895	0.067	78.8	XI XII	35 98
56	226	8.8	0 29 42.84	+3.1937	+0.0260	+35 5 37.2	+19.886	−0.068	78.9	XIV XVII	34 81
57	991	8.7	2 0 28.16	3.5412	0.0309	34 57 29.3	17.347	0.267	78.9	XV	34 376
58	1011	9.0	1 35.60	3.5474	0.0311	35 4 55.0	17.297	0.269	78.9	»	34 379
59	1012	9.0	1 57.74	3.5710	0.0324	36 19 21.5	17.281	0.272	78.9	»	36 418
60	1029	8.8	3 29.33	3.5603	0.0314	35 25 49.9	17.213	0.274	78.9	»	35 416
61	1035	8.9	2 4 5.20	+3.5574	+0.0311	+35 8 55.7	+17.186	−0.275	78.9	»	35 418
62	1041	8.8	4 45.64	3.5898	0.0330	36 46 38.2	17.155	0.279	78.9	»	36 433
63	1051	9.2	5 31.64	3.5981	0.0333	37 3 47.2	17.121	0.281	78.9	»	36 436
64	1073	9.0	7 50.99	3.5850	0.0320	35 55 20.9	17.014	0.284	78.9	»	35 429
65	1087	8.0	9 2.94	3.5695	0.0308	34 51 58.9	16.958	0.285	78.9	»	*34 404*
66	1097	8.3	2 9 34.01	+3.5805	+0.0314	+35 21 33.9	+16.934	−0.287	78.9	»	35 443
67	1109	9.0	10 40.11	3.5965	0.0321	35 59 51.4	16.882	0.290	78.9	»	35 449
68	1118	8.8	12 32.02	3.5913	0.0314	35 23 1.7	16.793	0.293	78.9	»	35 454
69	1127	8.0	13 26.83	3.6162	0.0326	36 29 48.2	16.750	0.297	78.9	»	36 464
70	1131	9.0	13 40.45	3.5970	0.0315	35 28 19.5	16.739	0.296	78.9	»	35 459
71	1149	7.5	2 15 57.32	+3.5931	+0.0308	+34 52 13.6	+16.628	−0.300	78.9	»	*34 425*
72	1157	9.0	16 59.09	3.6138	0.0317	35 44 38.1	16.577	0.304	78.9	»	35 467
73	1165	8.7	17 50.46	3.6099	0.0314	35 24 17.0	16.535	0.305	78.9	»	35 470
74	1186	7.7	19 14.88	3.6077	0.0311	35 2 59.0	16.465	0.307	78.9	»	34 437
75	1189	8.8	20 14.96	3.6070	0.0307	34 50 51.2	16.415	0.309	78.9	»	*34 440*
76	1198	8.7	2 20 51.57	+3.6106	+0.0308	+34 55 37.9	+16.384	−0.311	78.9	»	34 441
77	1201	8.9	21 20.50	3.6158	0.0310	35 6 23.3	16.359	0.312	78.9	»	35 480
78	1214	9.0	22 50.28	3.6279	0.0313	35 27 1.7	16.284	0.316	78.9	»	35 488
79	1223	8.8	23 36.09	3.6180	0.0307	34 50 34.1	16.245	0.317	78.9	»	*34 449*
80	1229	8.7	24 19.16	3.6252	0.0309	35 4 42.8	16.208	0.318	78.9	»	34 451
81	1242	9.3	2 25 33.77	+3.6351	+0.0312	+35 21 32.7	+16.144	−0.321	78.9	»	35 500
82	1253	8.9	27 29.18	3.6409	0.0311	35 19 52.9	16.043	0.326	78.9	»	35 505
83	1258	6.0	27 57.06	3.6732	0.0327	36 45 49.4	16.019	0.329	78.9	»	36 519
84	1268	9.0	28 45.20	3.6378	0.0307	34 59 19.4	15.976	0.328	78.9	»	34 474
85	1281	8.9	29 35.02	3.6523	0.0313	35 32 31.8	15.932	0.330	78.9	»	35 515

[1] Dpl. seq.; Com. $8^{m}.8$

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
86	1306	9.0	2h 30m 56s.77	+3s.6425	+0s.0305	+34° 52' 26".4	+15".860	−0".332	78.9	XV	34° 482
87	1318	8.8	32 15.46	3.6470	0.0305	34 53 16.5	15.789	0.335	78.9	»	34 487
88	1325	8.3	32 51.08	3.6614	0.0311	35 27 59.2	15.757	0.337	78.9	»	35 531
89	1334	9.0	33 52.23	3.6616	0.0309	35 19 17.5	15.701	0.339	78.9	»	35 536
90	1354	8.6	35 30.69	3.6692	0.0310	35 25 35.1	15.612	0.343	78.9	»	35 544
91	1355	9.2	2 35 34.38	+3.6577	+0.0304	+34 53 37.7	+15.609	−0.342	78.9	»	34 499
92	1364	9.2	36 23.05	3.6700	0.0308	35 20 11.6	15.564	0.344	78.9	»	35 545
93	1384	8.0	38 22.17	3.6671	0.0303	34 55 19.6	15.454	0.348	78.9	»	34 510
94	1401	7.5	39 22.80	3.6727	0.0304	35 1 47.6	15.397	0.350	78.9	»	34 513
95	1402	8.8	39 26.94	3.6956	0.0315	36 2 13.3	15.393	0.352	78.9	»	35 554
96	1416	8.8	2 40 54.18	+3.6924	+0.0310	+35 41 19.1	+15.312	−0.354	78.9	»	35 564
97	1425	8.2	41 34.91	3.6803	0.0303	35 3 36.4	15.273	0.354	78.9	»	34 517
98	1443	7.2	43 9.90	3.6810	0.0301	34 52 28.8	15.183	0.357	78.9	»	34 524
99	1446	8.7	43 32.68	3.7032	0.0310	35 47 36.0	15.161	0.360	78.9	»	35 576
100	1461	8.9	44 46.62	3.6877	0.0301	34 57 4.5	15.090	0.361	78.9	»	34 530
101	1481	8.8	2 46 21.78	+3.7060	+0.0306	+35 31 45.1	+14.999	−0.365	78.9	»	35 586
102	1489	8.8	47 16.82	3.7215	0.0311	36 3 51.7	14.945	0.368	78.9	»	35 587
103	1495	8.8	47 54.93	3.6999	0.0301	35 3 51.0	14.908	0.367	78.9	»	34 541
104	1510	9.3	49 27.49	3.7185	0.0306	35 39 9.9	14.818	0.372	78.9	»	35 595
105	1512	8.7	49 50.88	3.7098	0.0301	35 14 14.7	14.795	0.372	78.9	»	35 596
106	1520	9.0	2 50 56.55	+3.7090	+0.0299	+35 3 52.1	+14.730	−0.373	78.9	»	34 548
107	1526	8.3	51 47.49	3.7060	0.0296	34 49 43.9	14.679	0.375	78.9	»	34 552
108	1542	8.8	52 49.66	3.7175	0.0299	35 10 56.5	14.617	0.377	78.9	»	35 604
109	1550	7.7	53 26.74	3.7300	0.0303	35 37 13.7	14.580	0.380	78.9	»	35 607
110	1556	9.0	54 20.67	3.7202	0.0297	35 6 12.1	14.526	0.380	78.9	»	35 610
111	1566	8.0	2 55 43.48	+3.7449	+0.0305	+35 57 2.1	+14.442	−0.385	78.9	»	35 616
112	1574	9.3	56 33.31	3.7220	0.0294	34 54 42.2	14.392	0.384	78.9	»	34 566
113	1583	7.8	57 42.90	3.7600	0.0308	36 18 38.4	14.321	0.390	78.9	»	36 628
114	1591	8.9	58 41.46	3.7294	0.0293	34 57 35.2	14.261	0.389	78.9	»	34 574
115	1608	8.8	3 0 8.17	3.7461	0.0298	35 27 52.8	14.172	0.393	78.9	»	35 628
116	1616	8.2	3 0 56.26	+3.7364	+0.0292	+34 58 41.2	+14.122	−0.393	78.9	»	34 585
117	1628	8.8	2 27.95	3.7417	0.0291	35 0 54.3	14.027	0.396	78.9	»	34 589
118	1644	9.0	3 59.13	3.7612	0.0296	35 37 1.7	13.932	0.401	78.9	»	35 643
119	—	8.5	4 55.67	3.7447	0.0288	34 51 36.1	13.873	0.401	78.9	»	34 599
120	—	8.8	6 23.43	3.7499	0.0289	34 54 12.3	13.780	0.402	78.9	»	34 604
121	1672	9.1	3 7 8.15	+3.7610	+0.0291	+35 15 23.0	+13.732	−0.406	78.9	»	35 651
122	1695	8.6	9 25.87	3.7840	0.0295	35 53 34.3	13.585	0.412	78.9	»	35 660
123	1707	8.8	10 43.87	3.7668	0.0286	35 5 21.2	13.501	0.412	78.9	»	35 663
124	1715	8.8	11 49.28	3.7684	0.0285	35 2 15.0	13.431	0.414	78.9	»	34 623
125	1731	9.0	14 6.80	3.7819	0.0285	35 18 46.4	13.281	0.419	78.9	»	35 674
126	1742	9.2	3 15 16.92	+3.7851	+0.0284	+35 18 47.7	+13.204	−0.421	78.9	»	35 676
127	1748	8.8	16 12.07	3.7809	0.0281	35 3 39.8	13.144	0.422	78.9	»	34 637
128	1752	8.6	16 24.93	3.7811	0.0281	35 2 53.4	13.129	0.422	78.9	»	34 639
129	1768	9.0	17 55.59	3.8084	0.0288	35 54 58.5	13.029	0.428	78.9	»	35 685
130	—	8.7	18 26.47	3.7825	0.0278	34 53 55.6	12.995	0.427	78.9	»	34 645
131	1779	9.0	3 19 21.27	+3.7881	+0.0278	+35 1 4.3	+12.934	−0.428	78.9	»	34 652
132	—	8.8	20 17.53	3.7861	0.0275	34 51 5.7	12.871	0.429	78.9	»	34 659
133	1808	8.7	22 13.16	3.8167	0.0283	35 47 46.3	12.741	0.436	78.9	»	35 703
134	1810	9.0	22 27.13	3.8176	0.0283	35 48 26.5	12.726	0.436	78.9	»	35 706
135	1819	8.0	23 46.64	3.8281	0.0284	36 3 16.3	12.636	0.439	78.9	»	35 708

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A. R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
136	1831	6.5	3h 24m 42s.61	+3s.8025	+0s.0273	+35° 2′ 5″.9	+12″.572	−0″.438	78.9	XV	34° 674
137	1833	8.5	25 10.40	3.8020	0.0272	34 58 22.6	12.541	0.438	78.9	»	34 677
138	1856	9.0	26 44.63	3.8049	0.0270	34 55 55.2	12.433	0.441	78.9	»	34 682
139	1861	8.7	27 28.48	3.8103	0.0270	35 3 39.0	12.383	0.443	78.9	»	34 685
140	1875	9.0	29 17.23	3.8645	0.0286	36 49 24.5	12.258	0.451	78.9	»	36 731
141	—	8.7	3 59 55.67	+3.8774	+0.0231	+34 49 15.2	+10.033	−0.494	78.9	XVIII	*34 817*
142	2128	8.2	4 0 44.01	3.8961	0.0234	35 23 4.7	9.972	0.498	78.9	»	35 806
143	2135	9.3	2 11.82	3.8834	0.0227	34 52 5.0	9.860	0.497	78.9	»	*34 823*
144	2145	9.0	2 57.51	3.8858	0.0227	34 53 51.2	9.802	0.499	78.9	»	34 827
145	2150	7.7	3 55.68	3.8919	0.0226	35 1 58.6	9.728	0.501	78.9	»	34 829
146	2159	8.9	4 4 43.49	+3.8914	+0.0225	+34 57 57.6	+ 9.667	−0.501	78.9	»	34 831
147	2167	8.7	6 0.00	3.9204	0.0230	35 49 31.2	9.569	0.507	78.9	»	35 827
148	2177	9.0	6 52.24	3.9152	0.0227	35 36 2.0	9.502	0.507	78.9	»	35 828
149	2184	8.1	8 20.01	3.9250	0.0226	35 49 18.2	9.389	0.510	78.9	»	35 832
150	2186	8.0	8 29.92	3.9277	0.0226	35 53 51.5	9.376	0.510	78.9	»	35 834
151	2191	9.1	4 9 37.40	+3.9271	+0.0224	+35 48 30.2	+ 9.289	−0.512	78.9	»	35 839
152	2197	7.8	10 18.84	3.9248	0.0222	35 41 37.3	9.236	0.512	78.9	»	35 840
153	2200	9.1	11 6.66	3.9157	0.0219	35 21 15.1	9.174	0.512	78.9	»	35 843
154	2213	8.0	12 31.98	3.9228	0.0217	35 29 49.5	9.063	0.514	78.9	»	35 849
155	2219	7.9	14 9.65	3.9614	0.0223	36 36 26.0	8.935	0.521	78.9	»	36 880
156	2224	8.7	4 14 53.82	+3.9176	+0.0211	+35 11 32.5	+ 8.878	−0.516	78.9	»	35 857
157	2230	7.8	15 49.78	3.9109	0.0208	34 55 19.6	8.805	0.516	78.9	»	34 872
158	2232	7.0	16 9.35	3.9122	0.0208	34 56 46.2	8.779	0.517	78.9	»	34 874
159	2241	9.0	17 40.60	3.9406	0.0211	35 45 27.0	8.659	0.522	78.9	»	35 865
160	2245	8.8	18 57.68	3.9821	0.0218	36 57 38.2	8.557	0.529	78.9	»	36 894
161	2254	7.8	4 21 0.50	+3.9220	+0.0201	+34 59 11.5	+ 8.395	−0.523	78.9	»	34 883
162	2265	9.2	22 13.46	3.9195	0.0198	34 50 33.3	8.298	0.524	78.9	»	*34 885*
163	2269	8.7	22 44.41	3.9356	0.0200	35 19 14.3	8.257	0.527	78.9	»	35 877
164	2281	8.8	24 14.79	3.9590	0.0202	35 58 3.1	8.137	0.531	78.9	»	35 879
165	2286	9.0	24 47.65	3.9468	0.0199	35 33 49.2	8.093	0.530	78.9	»	35 882
166	2288	9.0	4 25 38.69	+3.9763	+0.0203	+36 25 14.8	+ 8.025	−0.535	78.9	»	36 911
167	2299	8.8	27 31.37	3.9464	0.0193	35 24 36.2	7.874	0.533	78.9	»	35 885
168	2306	9.0	29 7.06	3.9717	0.0195	36 6 26.2	7.746	0.538	78.9	»	36 916
169	2309	9.0	29 47.97	3.9710	0.0194	36 3 2.4	7.691	0.538	78.9	»	36 917
170	2319	8.3	31 8.64	3.9618	0.0189	35 42 12.0	7.582	0.538	78.9	»	35 893
171	2321	8.9	4 31 41.89	+3.9731	+0.0190	+36 1 19.9	+ 7.537	−0.540	78.9	»	35 895
172	2324	8.3	32 23.86	3.9936	0.0192	36 36 11.7	7.480	0.544	78.9	»	36 924
173	2330	8.7	34 6.40	3.9636	0.0183	35 37 9.1	7.341	0.541	78.9	»	35 897
174	2332	8.0	34 18.97	3.9788	0.0186	36 4 9.6	7.324	0.543	78.9	»	36 926
175	2339	8.8	35 55.42	3.9771	0.0182	35 56 37.8	7.193	0.544	78.9	»	35 900
176	2348	8.4	4 36 58.02	+3.9452	+0.0174	+34 55 25.9	+ 7.108	−0.541	78.9	»	34 904
177	2352	8.8	37 14.51	3.9648	0.0177	35 30 45.7	7.085	0.544	78.9	»	35 904
178	2362	9.1	39 2.90	3.9490	0.0171	34 57 8.3	6.937	0.543	78.9	»	34 907
179	2369	9.1	40 16.67	3.9659	0.0171	35 24 37.7	6.836	0.547	78.9	»	35 907
180	2377	9.0	42 19.15	3.9961	0.0172	36 13 45.1	6.668	0.553	78.9	»	36 942
181	2382	7.5	4 43 11.16	+3.9762	+0.0167	+35 36 8.1	+ 6.597	−0.551	78.9	»	35 914
182	2386	8.8	43 49.30	3.9906	0.0168	36 0 20.0	6.544	0.553	78.9	»	35 916
183	2393	8.0	44 37.91	3.9778	0.0165	35 35 26.1	6.477	0.552	78.9	»	35 917
184	2403	9.0	45 49.97	3.9794	0.0162	35 35 24.4	6.377	0.553	78.9	»	35 922
185	2405	9.0	46 17.82	3.9941	0.0165	36 0 32.2	6.339	0.555	78.9	»	35 925

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
186	2419	6.5	$4^h\ 47^m\ 59^s.62$	$+3^s.9949$	$+0^s.0160$	+35° 57′ 56″.5	+6″.198	−0″.557	78.9	XVIII	35° 930
187	2423	9.4	48 23.13	3.9938	0.0159	35 55 5.3	6.165	0.557	78.9	»	35 932
188	2434	8.8	50 2.64	3.9631	0.0152	34 56 22.3	6.027	0.554	78.9	»	34 930
189	2445	9.0	51 23.65	3.9789	0.0151	35 21 55.6	5.914	0.557	78.9	»	35 941
190	2447	9.2	51 39.60	4.0136	0.0156	36 22 30.4	5.892	0.562	78.9	»	36 972
191	2457	8.7	4 52 38.08	+3.9760	+0.0148	+35 13 59.1	+5.810	−0.558	78.9	»	35 949
192	2473	8.8	53 46.52	3.9946	0.0149	35 44 40.2	5.715	0.561	78.9	»	35 953
193	2482	9.0	55 31.94	4.0323	0.0150	36 46 36.3	5.568	0.567	78.9	»	36 991
194	2485	9.2	55 45.72	3.9918	0.0144	35 35 35.0	5.548	0.562	78.9	»	35 961
195	2490	9.3	56 33.35	3.9837	0.0142	35 19 28.4	5.481	0.561	78.9	»	35 966
196	2497	7.0	4 57 40.17	+3.9997	+0.0141	+35 45 43.6	+5.387	−0.564	78.9	»	35 973
197	2509	9.0	58 51.54	3.9951	0.0139	35 35 6.6	5.287	0.564	78.9	»	35 981
198	8513	8.6	19 28 57.98	2.1919	0.0012	35 25 41.2	7.591	+0.293	78.7	V VII	35 3679
199	8528	8.9[1]	30 2.41	2.2066	0.0012	35 1 30.2[2]	7.678	0.294	78.7	I III	34 3614
200	8535	8.4	30 36.41	2.1944	0.0012	35 25 51.0	7.724	0.292	78.7	V VII	35 3694
201	8549	7.8	19 31 30.70	+2.2117	+0.0012	+34 56 11.1	+7.797	+0.294	78.7	I III	34 3625
202	8555	9.1	31 49.56	2.2103	0.0012	34 59 50.2	7.822	0.293	78.7	V VII	34 3629
203	8572	8.8	33 14.99	2.2150	0.0012	34 55 17.9	7.937	0.293	78.7	I III	34 3639
204	8573	7.5	33 24.57	2.2135	0.0012	34 58 40.6	7.949	0.293	78.7	V VII	34 3640
205	8594	8.8	34 57.74	2.2146	0.0012	35 1 25.0	8.074	0.292	78.7	I III	34 3651
206	8606	8.6	19 35 29.03	+2.2206	+0.0012	+34 51 34.9	+8.116	+0.292	78.7	V VII	*34 3653*
207	8610	9.2	35 56.29	2.2167	0.0012	35 0 28.7	8.152	0.292	78.7	» »	34 3659
208	8613	8.7	36 4.33	2.2010	0.0012	35 30 21.1	8.163	0.289	78.7	I III	35 3743
209	8634	8.8	37 34.55	2.2226	0.0012	34 54 30.8	8.283	0.291	78.7	V VII	34 3670
210	8640	8.6	37 53.16	2.2097	0.0012	35 19 45.9	8.307	0.290	78.7	I III	35 3757
211	8656	9.1	19 38 41.03	+2.2152	+0.0012	+35 12 0.8	+8.371	+0.290	78.7	V VII	35 3769
212	8671	8.9	39 38.41	2.2225	0.0012	35 1 11.5	8.447	0.290	78.7	I III	34 3688
213	8678	9.1	40 8.27	2.2188	0.0012	35 9 50.5	8.487	0.289	78.7	V VII	35 3780
214	8694	8.1	41 21.98	2.2215	0.0012	35 8 49.0	8.584	0.289	78.7	I III	35 3791
215	8710	9.0	42 20.51	2.2291	0.0012	34 57 39.3	8.661	0.289	78.7	V VII	34 3710
216	8715	9.5	19 43 1.59	+2.2227	+0.0013	+35 12 11.6	+8.715	+0.288	78.7	» »	35 3804
217	8724	8.9	43 23.18	2.2322	0.0013	34 55 21.9	8.743	0.289	78.7	I III	34 3719
218	8732	6.9	44 3.95	2.2310	0.0013	34 59 50.8	8.797	0.288	78.7	V VII	34 3727
219	8741	8.9	44 44.75	2.2386	0.0013	34 47 31.1	8.850	0.289	78.7	I III	*34 3733*
220	8749	9.1	45 27.91	2.2354	0.0013	34 56 17.8	8.907	0.288	78.7	V VII	34 3742
221	8765	9.0	19 46 18.06	+2.2325	+0.0013	+35 4 55.6	+8.972	+0.287	78.7	I III	35 3830
222	8774	8.8	46 50.47	2.2201	0.0013	35 30 33.7	9.014	0.285	78.7	V VII	35 3837
223	8797	9.3	47 47.50	2.2287	0.0013	35 17 25.5	9.088	0.286	78.7	» »	35 3845
224	8816	8.5	48 56.36	2.2235	0.0013	35 31 25.2	9.178	0.284	78.7	I III	35 3851
225	8818	8.8	49 15.60	2.2217	0.0013	35 36 12.6	9.203	0.284	78.7	V VII	35 3852
226	8831	9.1	19 50 24.09	+2.2267	+0.0014	+35 30 54.2	+9.291	+0.284	78.7	I III	35 3859
227	8837	8.8	50 59.15	2.2175	0.0013	35 50 40.9	9.337	0.282	78.7	V VII	35 3864
228	8845	8.9	51 24.71	2.2383	0.0014	35 12 12.2	9.370	0.284	78.7	I III	35 3868
229	8859	9.1	51 59.84	2.2344	0.0014	35 21 55.3	9.415	0.284	78.7	V VII	35 3877
230	8889	9.0	53 25.21	2.2471	0.0015	35 2 32.6	9.525	0.284	78.7	I III	34 3812
231	8894	9.1	19 53 39.78	+2.2530	+0.0015	+34 51 48.7	+9.544	+0.285	78.7	V VII	*34 3815*
232	—	9.0	55 7.24	2.2527	0.0015	34 58 4.6	9.655	0.284	78.7	V[3] VII	[34 3828]
233	8921	8.0	55 37.22	2.2523	0.0015	35 0 56.3	9.694	0.283	78.7	V VII	34 3832
234	8946	7.7	57 19.52	2.2566	0.0015	34 59 6.5	9.824	0.282	78.7	I III VII	34 3847
235	8954	9.3	57 40.94	2.2580	0.0016	34 57 48.9	9.851	0.282	78.7	V	34 3850

[1] Dpl. seq. [2] Z. I [40″.2] [3] Dpl. praec.

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
236	8966	9.1	19h 58m 47s.56	+2s.2382	+0s.0015	+35° 41′ 3″.6	+ 9″.936	+0″.279	78.7	V VII	35° 3929
237	8967	6.9	58 49.41	2.2386	0.0015	35 40 25.2	9.938	0.279	78.7	I III[1]	35 3930
238	8990	9.6	20 0 25.57	2.2638	0.0016	34 57 17.0	10.060	0.281	78.7	V VII	34 3864
239	8993	8.9	0 30.46	2.2521	0.0016	35 20 48.0	10.066	0.280	78.7	I III	35 3944
240	9012	9.4	1 20.23	2.2684	0.0016	34 51 42.9	10.129	0.281	78.7	V VII	*34 3870*
241	9014	8.3	20 1 26.70	+2.2636	+0.0016	+35 1 40.0	+10.137	+0.280	78.7	I III	34 3871
242	9036	7.9	2 41.41	2.2563	0.0016	35 21 25.8	10.230	0.279	78.7	V VII	35 3970
243	9037	8.8	2 45.25	2.2505	0.0016	35 33 5.9	10.235	0.278	78.7	I III	35 3972
244	9065	8.8	4 10.08	2.2658	0.0017	35 8 53.1	10.342	0.279	78.7	V VII	35 3987
245	9069	8.2[2]	4 30.56	2.2674	0.0017	35 7 4.0	10.367	0.278	78.7	I III	35 3994
246	9085	8.7	20 5 30.31	+2.2483	+0.0017	+35 49 21.8	+10.442	+0.276	78.7	V[3] VII	35 4000
247	9095	8.3	6 14.76	2.2572	0.0017	35 34 56.9	10.497	0.276	78.7	I III	35 4006
248	9110	8.7	7 11.77	2.2520	0.0017	35 49 28.1	10.568	0.275	78.7	V VII	35 4013
249	9119	8.0	7 57.90	2.2841	0.0018	34 48 6.7	10.625	0.278	78.7	I III	*34 3915*
250	9133	9.5	8 45.42	2.2784	0.0018	35 3 15.0	10.684	0.277	78.7	V VII	34 3925
251	9149	8.2	20 9 27.96	+2.2820	+0.0018	+34 59 8.1	+10.736	+0.276	78.7	» »	34 3930
252	9153	8.7	9 40.50	2.2812	0.0018	35 1 39 2	10.751	0.276	78.7	I III	34 3934
253	9178	8.7	10 56.86	2.2852	0.0018	34 59 13.3	10.845	0.275	78.7	V VII	34 3944
254	9190	7.9	11 53.74	2.2845	0.0019	35 4 58.5	10.915	0.275	78.7	» »	35 4047
255	9204	9.1	12 21.75	2.2917	0.0019	34 52 8.2	10.949	0.275	78.7	I III	*34 3954*
256	9219	9.0	20 13 11.97	+2.2846	+0.0019	+35 10 40.6	+11.010	+0.274	78.7	» »	35 4055
257	9233	8.4	13 44.08	2.2656	0.0019	35 51 54.4	11.050	0.271	78.7	V VII	35 4059
258	9259	8.9	14 56.30	2.2808	0.0019	35 26 41.6	11.137	0.272	78.7	I III	35 4068
259	9268	8.6	15 13.81	2.2688	0.0020	35 52 32.3	11.159	0.270	78.7	V VII	35 4069
260	9278	8.5	15 51.11	2.2999	0.0020	34 51 25.5	11.204	0.273	78.7	»	*34 3978*
261	9288	8.7	20 16 32.00	+2.2832	+0.0020	+35 29 14.1	+11.253	+0.271	78.7	I III	35 4078
262	9301	9.0	17 12.73	2.2975	0.0020	35 2 58.5	11.302	0.272	78.7	V VII	34 3990
263	9313	8.7	17 48.89	2.2976	0.0020	35 5 40.8	11.346	0.271	78.7	I III	35 4086
264	9335	9.1	19 5.50	2.2835	0.0021	35 41 11.9	11.438	0.268	78.7	V	35 4097
265	9354	8.3	20 1.34	2.2954	0.0021	35 21 6.6	11.504	0.269	78.7	I	35 4102
266	9356	8.9	20 20 11.95	+2.2894	+0.0021	+35 34 25.8	+11.517	+0.268	78.7	V VII	35 4104
267	9357	8.6	20 14.04	2.2819	0.0021	35 50 4.9	11.520	0.267	78.7	III	35 4105
268	9367	9.1	21 10.42	2.3138	0.0021	34 47 57.7	11.587	0.270	78.7	I III	*34 4016*
269	9376	9.3	21 29.19	2.3041	0.0022	35 10 7.6	11.609	0.269	78.7	V VII	35 4117
270	9395	9.2	22 35.16	2.3136	0.0022	34 55 32.8	11.687	0.269	78.7	» »	34 4028
271	9406	8.6	20 23 22.95	+2.3041	+0.0022	+35 19 40.5	+11.744	+0.267	78.7	I III	35 4130
272	9422	7.9	24 17.60	2.3039	0.0023	35 24 57.9	11.809	0.266	78.7	V VII	35 4140
273	9426	9.0	24 34.81	2.3163	0.0023	35 0 2.9	11.829	0.267	78.7	I III	34 4044
274	9446	9.0[4]	25 50.13	2.3213	0.0023	34 55 40.6	11.917	0.267	78.7	V	34 4056
275	9462	9.3	26 41.95	2.3240	0.0024	34 54 27.3	11.978	0.266	78.7	V VII	34 4062
276	9465	8.8	20 26 59.22	+2.3261	+0.0024	+34 51 20.7	+11.998	+0.267	78.7	I[5] III	*34 4065*
277	9482	9.2	28 17.53	2.3257	0.0024	34 59 8.4	12.089	0.265	78.7	I III	34 4074
278	9492	9.3	28 40.48	2.3246	0.0024	35 3 43.3	12.116	0.265	78.7	V VII	34 4075
279	9494	5.0	29 2.30	2.3320	0.0025	34 49 24.5	12.142	0.265	78.7	» »	*34 4079*
280	9505	9.3	29 41.92	2.3272	0.0025	35 3 27.7	12.188	0.264	78.7	I III	34 4085
281	9509	9.1	20 29 57.71	+2.3009	+0.0025	+36 1 13.3	+12.206	+0.261	78.8	IX X	35 4171
282	9518	8.6	30 51.60	2.3024	0.0025	36 3 2.8	12.268	0.261	78.8	» »	35 4179
283	9519	9.3	30 54.35	2.3190	0.0025	35 27 51.6	12.271	0.262	78.7	V VII	35 4180
284	9530	9.0	31 47.07	2.3122	0.0026	35 47 13.9	12.332	0.261	78.8	IX X	35 4187
285	9531	8.9	31 47.30	2.3238	0.0026	35 22 12.8	12.332	0.262	78.7	V VII	35 4188

[1] Dpl. seq. [2] Dpl. seq.; Com. 8m.8 [3] Dpl. praec. [4] Dpl. med. [5] Dpl. seq.

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
286	9539	8.9	$20^h\ 32^m\ 28^s.07$	$+2^s.3357$	$+0^s.0026$	$+35°\ 0'\ 2''.3$	$+12''.379$	$+0''.263$	78.7	I III	34° 4095
287	9545	8.8	32 40.92	2.2828	0.0026	36 54 34.5	12.394	0.256	78.8	IX	36 4154
288	9551	9.0	32 54.61	2.2843	0.0026	36 52 39.0	12.409	0.256	78.8	X	36 4155
289	9555	9.4	33 5.29	2.3388	0.0027	34 56 47.5	12.422	0.262	78.7	V VII	34 4100
290	9556	8.8	33 20.44	2.3325	0.0027	35 11 54.2	12.439	0.262	78.7	I III	35 4197
291	9563	9.3	20 34 27.96	+2.3296	+0.0027	+35 24 40.9	+12.516	+0.260	78.8	IX X	35 4202
292	9569	9.4	34 58.41	2.3418	0.0027	35 0 36.8	12.551	0.261	78.7	V VII	34 4109
293	9571	7.4	35 1.81	2.3436	0.0028	34 56 51.8	12.554	0.261	78.7	I III	34 4111
294	9580	8.3	35 49.61	2.2901	0.0028	36 57 14.9	12.609	0.254	78.8	IX X	36 4179
295	9585	9.0	36 10.26	2.3497	0.0028	34 49 51.2	12.632	0.261	78.7	V VII	34 4117
296	9587	8.7	20 36 17.99	+2.3475	+0.0028	+34 55 26.2	+12.641	+0.260	78.7	I III	34 4118
297	9607	9.1	37 16.24	2.3483	0.0029	34 59 28.1	12.707	0.260	78.7	V	34 4125
298	9612	7.5	37 28.56	2.3483	0.0029	35 0 32.3	12.721	0.260	78.8	VII IX X	34 4127
299	9616	8.7	37 50.34	2.3242	0.0029	35 55 58.8	12.745	0.256	78.8	IX X	35 4229
300	9620	6.8	38 30.37	2.3475	0.0029	35 8 17.4	12.790	0.258	78.7	V VII	35 4234
301	9626	8.5	20 38 53.40	+2.3533	+0.0029	+34 57 32.9	+12.816	+0.259	78.7	I III	34 4136
302	9634	9.0	39 19.12	2.3510	0.0030	35 5 8.9	12.845	0.258	78.8	IX X	35 4240
303	9635	9.3	39 20.14	2.3489	0.0030	35 10 1.2	12.846	0.258	78.7	I III	35 4241
304	9646	9.1	40 28.41	2.3373	0.0030	35 42 33.6	12.923	0.256	78.7	V VII	35 4252
305	9647	9.3	40 28.95	2.3280	0.0030	36 3 9.0	12.923	0.255	78.8	IX X	35 4251
306	9655	9.1	20 41 49.83	+2.3554	+0.0031	+35 10 21.9	+13.013	+0.256	78.7	I III	35 4261
307	9656	9.0	41 54.20	2.3413	0.0031	35 42 15.9	13.018	0.254	78.7	V VII	35 4262
308	9661	9.2	42 15.81	2.3545	0.0031	35 15 3.6	13.042	0.256	78.8	IX X	35 4265
309	9666	8.7	42 39.41	2.3453	0.0032	35 37 57.6	13.068	0.254	78.8	» »	35 4270
310	9672	9.3	43 29.91	2.3652	0.0032	34 58 16.5	13.124	0.255	78.7	V VII	34 4161
311	9675	9.1	20 43 41.44	+2.3530	+0.0032	+35 26 59.0	+13.136	+0.254	78.7	I III	35 4272
312	9676	8.8	43 47.98	2.3441	0.0032	35 47 40.9	13.144	0.253	78.8	IX X	35 4273
313	9679	9.1	44 2.23	2.3701	0.0032	34 50 6.8	13.159	0.255	78.7	V VII	34 4167
314	9692	8.7	44 57.50	2.3632	0.0033	35 11 42.9	13.220	0.253	78.7	I III	35 4285
315	9694	8.8	45 3.76	2.3457	0.0033	35 51 55.1	13.227	0.252	78.8	IX X	35 4286
316	9699	8.5	20 45 57.50	+2.3591	+0.0034	+35 27 20.7	+13.286	+0.252	78.7	V VII IX	35 4291
317	9701	8.9	46 0.50	2.3598	0.0034	35 26 1.2	13.289	0.252	78.8	X	35 4293
318	9714	9.3	47 2.27	2.3780	0.0034	34 50 29.1	13.356	0.253	78.7	I III	34 4183
319	9716	8.6	47 18.15	2.3678	0.0034	35 15 52.6	13.374	0.252	78.7	V VII	35 4302
320	9718	8.7	47 19.57	2.3202	0.0034	37 3 0.7	13.375	0.247	78.8	IX X	36 4289
321	9727	8.8	20 47 56.32	+2.3799	+0.0034	+34 51 57.2	+13.415	+0.252	78.7	I III	34 4195
322	9734	9.0	48 41.94	2.3624	0.0035	35 37 5.2	13.465	0.250	78.7	V VII	35 4310
323	9735	8.0	48 46.79	2.3616	0.0035	35 39 38.2	13.470	0.250	78.8	IX X	35 4311
324	9746	7.4	49 49.15	2.3397	0.0036	36 35 55.4	13.537	0.246	78.8	» »	36 4314
325	9750	9.1	50 33.08	2.3730	0.0036	35 24 45.4	13.584	0.249	78.7	I III	35 4321
326	—	9.5	20 50 57.95	+2.3789	+0.0036	+35 13 27.0	+13.611	+0.249	78.8	X	[35 4323]
327	9760	9.2	51 4.24	2.3776	0.0036	35 17 24.4	13.618	0.249	78.7	V VII	35 4326
328	9768	9.0	51 48.50	2.3795	0.0036	35 17 41.6	13.665	0.248	78.8	IX X	35 4334
329	9776	6.3	52 13.62	2.3925	0.0036	34 49 50.2	13.692	0.249	78.7	I III	34 4213
330	9777	9.0	52 19.38	2.3897	0.0036	34 57 12.5	13.698	0.248	78.7	V VII	34 4215
331	9784	9.0	20 52 55.32	+2.3933	+0.0037	+34 52 38.7	+13.736	+0.248	78.7	I III	34 4216
332	9792	9.2	53 37.33	2.3722	0.0038	35 46 59.1	13.780	0.245	78.8	IX X	35 4342
333	9798	8.8	53 49.41	2.3921	0.0037	35 1 26.7	13.793	0.247	78.7	V VII	34 4222
334	9804	8.9	54 22.42	2.3945	0.0038	34 59 21.2	13.829	0.247	78.7	» »	34 4229
335	9811	9.0	55 8.76	2.3882	0.0038	35 19 33.6	13.877	0.244	78.8	IX X	35 4347

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
336	9815	9.3	20ʰ 55ᵐ 31ˢ.66	+2ˢ.4010	+0ˢ.0038	+34° 51′ 34″.6	+13″.901	+0″.246	78.7	I III	*34° 4237*
337	9818	8.7	55 46.17	2.4011	0.0038	34 52 59.8	13.917	0.246	78.7	V VII	*34 4238*
338	9832	9.2	56 48.01	2.3757	0.0040	36 0 23.1	13.981	0.243	78.8	IX X	35 4364
339	9839	8.9	57 31.29	2.4068	0.0039	34 51 8.1	14.026	0.244	78.7	I III	*34 4248*
340	9841	9.0	57 42.00	2.3900	0.0040	35 32 53.0	14.038	0.243	78.7	V VII	35 4368
341	9842	9.2	20 57 52.84	+2.3943	+0.0040	+35 23 57.3	+14.049	+0.243	78.8	IX X	35 4369
342	9858	8.9	58 58.95	2.4078	0.0040	34 59 0.6	14.118	0.243	78.7	I III	34 4257
343	9859	9.3	59 0.26	2.4112	0.0040	34 50 49.3	14.118	0.243	78.7	V VII	*34 4258*
344	9861	9.0	59 12.22	2.4012	0.0041	35 16 34.9	14.131	0.242	78.8	IX X	35 4382
345	9865	9.0	59 44.13	2.4092	0.0041	35 0 49.1	14.164	0.242	78.7	I III	34 4264
346	9869	8.2	20 59 55.51	+2.4118	+0.0041	+34 55 53.2	+14.176	+0.242	78.7	V VII	34 4267
347	9873	8.9	21 0 10.74	2.4088	0.0041	35 4 50.6	14.192	0.242	78.9	XIII XVI	35 4389
348	9874	8.7	0 11.10	2.4043	0.0041	35 15 52.6	14.192	0.241	78.8	IX X	35 4390
349	9884	8.5	0 46.23	2.4166	0.0041	34 50 1.3	14.228	0.242	78.9	XIII XVI	*34 4277*
350	9889	9.1	1 6.33	2.3906	0.0043	35 55 24.9	14.249	0.239	78.8	IX X	35 4396
351	9898	8.6	21 1 56.37	+2.3972	+0.0043	+35 45 18.9	+14.300	+0.239	78.9	XIII XVI	35 4402
352	9908	8.8	2 20.29	2.3750	0.0044	36 41 37.7	14.324	0.236	78.8	IX X	36 4417
353	—	9.3	3 4.86	2.4006	0.0044	35 45 38.8	14.370	0.238	78.8	»	[35 4408]
354	9914	8.8	3 11.10	2.4238	0.0043	34 49 44.1	14.376	0.240	78.9	XIII XVI	*34 4294*
355	9929	9.0	4 24.80	2.4111	0.0045	35 29 53.2	14.451	0.238	78.9	» »	35 4416
356	9933	8.4	21 4 39.62	+2.4167	+0.0045	+35 17 49.4	+14.466	+0.238	78.8	IX X	35 4419
357	9936	8.9	4 49.60	2.4248	0.0044	34 59 1.3	14.476	0.238	78.9	XIII XVI	34 4312
358	9946	9.1	5 24.92	2.4059	0.0045	35 49 55.5	14.512	0.236	78.9	» »	35 4422
359	9958	6.8	6 2.30	2.4089	0.0046	35 47 21.6	14.549	0.236	78.8	IX X	35 4426
360	9968	7.8	6 55.99	2.4274	0.0046	35 7 58.6	14.603	0.236	78.8	» »	35 4431
361	9975	8.4	21 7 30.35	+2.4346	+0.0046	+34 54 19.4	+14.637	+0.236	78.9	XIII XVI	*34 4332*
362	9984	8.1	8 9.37	2.4348	0.0047	34 58 32.5	14.676	0.236	78.9	» »	34 4336
363	9985	9.0	8 12.67	2.4126	0.0048	35 54 32.0	14.679	0.234	78.8	IX X	35 4440
364	10000	8.1	9 7.25	2.3822	0.0049	37 15 54.6	14.733	0.229	78.9	XIII XVI	37 4235
365	10004	8.5	9 35.67	2.4004	0.0049	36 35 34.0	14.762	0.231	78.9	» »	36 4482
366	10009	8.9	21 10 13.53	+2.4224	+0.0049	+35 45 45.8	+14.799	+0.232	78.8	IX X	35 4450
367	10013	9.0	10 39.59	2.4387	0.0049	35 7 51.0	14.825	0.233	78.8	» »	35 4452
368	10018	8.8	11 0.96	2.4412	0.0049	35 4 16.1	14.845	0.233	78.9	XIII XVI	34 4362
369	10023	7.5	11 35.99	2.4258	0.0050	35 48 0.0	14.880	0.231	78.9	» »	35 4457
370	10025	8.5	12 1.35	2.4402	0.0050	35 14 52.4	14.905	0.232	78.8	IX X	35 4461
371	10030	8.9	21 12 28.87	+2.4222	+0.0051	+36 3 58.3	+14.932	+0.230	78.9	XIII XVI	35 4465
372	10037	9.0	13 5.79	2.4390	0.0051	35 26 19.5	14.967	0.230	78.8	IX X	35 4469
373	10045	8.5	13 39.72	2.4257	0.0052	36 4 36.5	15.000	0.228	78.8	X	35 4473
374	10047	9.1	13 58.88	2.4535	0.0051	34 55 46.3	15.019	0.231	78.9	XIII XVI	34 4375
375	10049	9.0	14 4.75	2.4275	0.0052	36 3 19.8	15.024	0.228	78.8	IX	35 4479
376	10063	8.4	21 15 2.48	+2.4535	+0.0052	+35 4 14.9	+15.080	+0.229	78.9	XIII XVI	34 4383
377	10069	8.6	15 29.37	2.4345	0.0053	35 57 7.8	15.106	0.227	78.8	X XIII	35 4489
378	10070	9.0	15 29.87	2.4327	0.0053	36 1 39.2	15.106	0.227	78.9	XVI	35 4490
379	—	9.1	15 30.69	2.4334	0.0053	36 0 1.5	15.107	0.227	78.8	IX	[35 4491]
380	10080	8.6	16 16.19	2.4542	0.0053	35 12 20.6	15.151	0.228	78.8	IX X	35 4496
381	10085	9.1	21 16 55.63	+2.4636	+0.0053	+34 53 4.9	+15.188	+0.228	78.9	XIII XVI	*34 4396*
382	10100	8.7	17 56.65	2.4450	0.0054	35 50 27.2	15.246	0.225	78.8	IX X	35 4503
383	10103	9.3	18 14.13	2.4422	0.0054	35 39 49.8	15.263	0.224	78.9	XIII XVI	35 4505
384	10111	8.8	19 7.43	2.4475	0.0055	35 53 31.3	15.313	0.224	78.8	IX X	35 4510
385	10113	9.0	19 12.72	2.4701	0.0054	34 54 33.2	15.318	0.226	78.9	XIII XVI	*34 4407*

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
386	10119	8.8	21h 19m 38s.95	+2s.4479	+0s.0056	+35° 56′ 55″.3	+15″.343	+0″.223	78.9	XIII XVI	35° 4516
387	10126	8.9	20 12.04	2.4520	0.0056	35 51 1.4	15.374	0.223	78.8	IX X	35 4521
388	10135	7.9	21 8.94	2.4674	0.0056	35 17 59.3	15.427	0.223	78.9	XIII XVI	35 4526
389	10136	8.9	21 17.16	2.4536	0.0057	35 55 49.4	15.435	0.222	78.8	IX X	35 4527
390	10146	9.0	22 7.45	2.4566	0.0058	35 55 19.5	15.481	0.221	78.9	XIII XVI	35 4533
391	10148	8.5	21 22 19.68	+2.4620	+0.0058	+35 42 44.9	+15.493	+0.221	78.8	IX X	35 4534
392	10150	7.0	22 42.77	2.4819	0.0057	34 51 56.8	15.514	0.223	78.9	XIII XVI	*34 4422*
393	10156	8.9	23 13.49	2.4678	0.0058	35 34 49.5	15.542	0.221	78.8	IX X	35 4539
394	10165	7.9	24 43.40	2.4716	0.0060	35 37 46.6	15.625	0.219	78.9	XIII XVI	35 4545
395	10167	7.6	24 54.54	2.4876	0.0059	34 55 29.5	15.635	0.220	78.9	» »	34 4436
396	10168	9.1	21 24 55.23	+2.4810	+0.0059	+35 13 47.2	+15.636	+0.220	78.8	IX X	35 4546
397	10175	8.0	26 4.21	2.4826	0.0060	35 19 27.9	15.699	0.218	78.8	» »	35 4555
398	10177	8.9	26 21.99	2.4903	0.0060	35 1 1.6	15.715	0.219	78.9	XIII XVI	34 4446
399	10185	8.7	27 28.26	2.4828	0.0062	35 31 38.0	15.774	0.216	78.8	IX X	35 4560
400	10186	8.4	27 34.49	2.4900	0.0061	35 12 43.5	15.780	0.217	78.9	XIII XVI	35 4561
401	10187	8.7	21 27 37.56	+2.4779	+0.0062	+35 46 35.9	+15.783	+0.216	78.9	» »	35 4562
402	10190	8.8	27 42.79	2.4729	0.0063	36 1 0.2	15.788	0.215	78.8	X	35 4564
403	—	9.2[1]	28 26.27	2.4745	0.0063	36 3 3.5	15.827	0.215	78.8	IX	[35 4568]
404	10204	8.4	29 4.21	2.4950	0.0063	35 12 7.1	15.861	0.215	78.9	XIII XVI	35 4573
405	10212	8.2	29 37.58	2.4944	0.0063	35 19 3.3	15.890	0.215	78.9	X XIII XVI	35 4576
406	10219	9.1	21 30 24.45	+2.4842	+0.0065	+35 54 39.4	+15.932	+0.213	78.8	IX X	35 4581
407	10223	8.8	30 44.82	2.4555	0.0067	37 16 19.7	15.950	0.210	78.9	XIII XVI	37 4365
408	10234	8.8	31 30.35	2.4722	0.0067	36 38 7.6	15.990	0.210	78.8	IX X	36 4615
409	10245	8.7	33 6.62	2.4526	0.0070	37 46 47.0	16.074	0.207	78.9	XIII XVI	37 4378
410	—	9.5	33 41.33	2.5054	0.0068	35 25 51.6	16.105	0.210	78.8	X	[35 4598]
411	10249	8.7	21 33 43.52	+2.4974	+0.0068	+35 49 5.1	+16.107	+0.210	78.9	XIII XVI	35 4599
412	10252	8.5	33 52.96	2.5050	0.0067	35 28 48.2	16.115	0.210	78.8	IX X	35 4600
413	10259	8.3	34 58.99	2.5006	0.0069	35 51 56.5	16.172	0.208	78.9	XIII XVI	35 4603
414	10260	9.3	35 16.18	2.5109	0.0069	35 25 16.8	16.186	0.209	78.8	IX X	35 4604
415	10267	8.7	36 5.50	2.5247	0.0068	34 53 3.1	16.229	0.209	78.9	XIII XVI	*34 4496*
416	10271	9.0	21 36 19.63	+2.4916	+0.0071	+36 31 7.5	+16.241	+0.206	78.8	IX X	36 4647
417	10275	6.0	36 44.73	2.5257	0.0069	34 56 27.5	16.263	0.208	78.9	XIII XVI	34 4500
418	10288	8.6	37 43.36	2.5188	0.0071	35 26 27.1	16.312	0.206	78.8	IX X	35 4616
419	10292	8.9	37 49.77	2.4941	0.0073	36 38 55.5	16.318	0.204	78.9	XIII XVI	36 4662
420	10300	9.2	38 48.10	2.5217	0.0072	35 28 24.9	16.367	0.205	78.8	IX X	35 4619
421	10301	9.0	21 39 8.48	+2.5317	+0.0071	+35 2 13.4	+16.384	+0.206	78.9	XIII XVI	34 4512
422	10304	8.9	39 38.78	2.5217	0.0073	35 37 0.2	16.410	0.204	78.8	IX X	35 4621
423	10313	7.0	40 26.53	2.5312	0.0073	35 16 52.6	16.450	0.204	78.9	XIII XVI	35 4626
424	10315	9.0	40 44.58	2.5206	0.0074	35 51 23.9	16.465	0.203	78.9	» »	35 4629
425	10318	9.0	41 16.07	2.5217	0.0075	35 53 40.9	16.491	0.202	78.8	IX X	35 4633
426	10335	9.3	21 42 7.94	+2.5437	+0.0074	+34 56 16.2	+16.534	+0.203	78.9	XIII XVI	*34 4526*
427	10336	8.7	42 38.60	2.5456	0.0074	34 55 32.8	16.559	0.202	78.9	» »	*34 4530*
428	10339	6.3	42 52.43	2.5251	0.0077	36 0 4.3	16.570	0.200	78.8	IX X	35 4643
429	10352	9.2	44 5.88	2.5151	0.0079	36 42 53.6	16.630	0.197	78.8	» »	36 4684
430	10354	8.6	44 12.52	2.5198	0.0079	36 29 59.6	16.636	0.198	78.9	XIII XVI	36 4685
431	10356	8.4	21 44 18.04	+2.5396	+0.0077	+35 31 9.9	+16.640	+0.199	78.8	IX X	35 4647
432	10360	8.3	45 15.59	2.5133	0.0080	37 0 26.8	16.687	0.196	78.9	XIII XVI	36 4691
433	19365	9.1	45 54.90	2.5448	0.0078	35 32 24.1	16.719	0.197	78.8	IX X	35 4658
434	10368	9.1	46 18.98	2.5301	0.0080	36 21 45.6	16.738	0.196	78.9	XIII XVI	36 4695
435	10372	9.4	46 46.02	2.5592	0.0078	34 56 39.0	16.760	0.198	78.9	» »	34 4549

[1] Dpl. praec.

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
436	10378	9.0	21h 47m 14s.96	+2s.5259	+0s.0082	+36° 44′ 41″.1	+16″.783	+0″.194	78.8	IX X	36° 4699
437	10383	7.3	48 1.77	2.5523	0.0080	35 32 22.4	16.820	0.195	78.8	» »	35 4664
438	10385	8.9	48 4.60	2.5567	0.0080	35 18 41.8	16.823	0.195	78.9	XIII XVI	35 4665
439	10392	8.0	48 41.72	2.5461	0.0082	35 58 55.8	16.852	0.194	78.9	» »	35 4670
440	10393	9.0	48 48.56	2.5540	0.0081	35 35 29.2	16.857	0.194	78.8	IX X	35 4671
441	10400	9.1	21 49 53.78	+2.5540	+0.0082	+35 47 12.7	+16.909	+0.193	78.9	XIII XVI	35 4674
442	10402	6.8	50 0.95	2.5588	0.0082	35 33 20.1	16.914	0.193	78.8	IX X	35 4675
443	10408	8.4	51 4.34	2.5489	0.0085	36 16 45.3	16.964	0.191	78.9	XIII XVI	36 4712
444	10410	8.7	51 31.10	2.5645	0.0084	35 32 27.0	16.985	0.191	78.8	IX X	35 4680
445	10419	9.0	52 20.29	2.5503	0.0086	36 26 35.2	17.023	0.189	78.9	XIII XVI	36 4719
446	10426	8.6	21 53 8.66	+2.5709	+0.0085	+35 30 11.0	+17.060	+0.190	78.8	IX X	35 4683
447	10427	8.3	53 20.19	2.5606	0.0086	36 5 36.1	17.069	0.188	78.9	XIII XVI	35 4684
448	10431	8.6	53 40.15	2.5506	0.0088	36 41 15.1	17.084	0.187	78.8	IX X	36 4727
449	10435	9.2	54 12.39	2.5823	0.0085	35 5 8.7	17.109	0.189	78.9	XIII XVI	34 4580
450	10441	9.0	55 32.87	2.5723	0.0088	35 53 28.1	17.169	0.186	78.8	IX X	35 4690
451	10443	9.2	21 55 38.24	+2.5823	+0.0087	+35 21 43.6	+17.174	+0.187	78.9	XIII XVI	35 4691
452	10447	8.1	55 56.70	2.5748	0.0089	35 49 56.3	17.187	0.186	78.8	IX X	35 4692
453	10452	8.9	56 27.05	2.5614	0.0091	36 39 33.9	17.210	0.184	78.9	XIII XVI	36 4739
454	10461	9.2	57 29.08	2.5765	0.0091	36 2 57.4	17.256	0.184	78.9	»	35 4696
455	10462	8.7	57 29.26	2.5577	0.0093	37 3 52.6	17.256	0.183	78.9	» »	36 4746
456	10463	9.4	21 57 31.85	+2.5813	+0.0090	+35 47 41.6	+17.259	+0.184	78.8	IX X	35 4697
457	10469	9.0	58 40.72	2.5699	0.0093	36 39 9.2	17.310	0.182	78.9	XIII XVI	36 4749
458	10471	8.9	58 42.91	2.5969	0.0090	35 9 19.1	17.311	0.183	78.8	IX X	35 4699
459	10476	9.0	59 28.41	2.5983	0.0091	35 13 55.1	17.344	0.182	78.8	» »	35 4701
460	10483	8.5	22 0 10.08	2.5912	0.0093	35 46 39.8	17.375	0.181	78.7	VI VIII	35 4703
461	10495	8.6	22 1 36.10	+2.6015	+0.0094	+35 29 5.6	+17.437	+0.180	78.7	» »	35 4712
462	10499	8.9	1 45.00	2.6102	0.0093	35 0 49.1	17.444	0.180	78.7	II IV	34 4601
463	10504	9.3	2 41.53	2.6164	0.0093	34 50 42.3	17.484	0.179	78.7	VIII	*34 4605*
464	10506	9.1	3 17.32	2.6164	0.0094	34 58 3.8	17.510	0.178	78.7	II IV	34 4607
465	10516	9.0	4 3.88	2.6046	0.0097	35 49 23.0	17.543	0.176	78.7	VI VIII	35 4718
466	10527	9.1	22 5 5.33	+2.6117	+0.0097	+35 37 47.6	+17.586	+0.175	78.7	II IV	35 4721
467	10535	7.6	5 44.19	2.6137	0.0098	35 38 56.0	17.613	0.174	78.7	» »	35 4725
468	10543	9.0	6 25.76	2.6208	0.0098	35 22 52.3	17.642	0.174	78.7	VIII	35 4729
469	10561	9.2	7 55.25	2.6150	0.0102	36 3 19.9	17.704	0.171	78.7	II IV	35 4740
470	10563	9.4	8 18.74	2.6102	0.0104	36 25 35.8	17.720	0.171	78.7	VI VIII	36 4788
471	10569	9.0	22 9 8.71	+2.6367	+0.0100	+35 0 44.6	+17.754	+0.171	78.7	II IV	34 4631
472	10573	8.1	9 17.15	2.6287	0.0102	35 32 5.5	17.759	0.170	78.7	VI VIII	35 4746
473	10582	8.4	10 11.29	2.6416	0.0101	34 56 35.2	17.796	0.170	78.7	II IV	*34 4638*
474	10583	9.0	10 22.41	2.6211	0.0105	36 14 53.2	17.803	0.168	78.7	VI VIII	36 4794
475	10591	8.9	12 16.22	2.6436	0.0104	35 17 37.9	17.879	0.167	78.7	II IV	35 4756
476	10598	8.7	22 12 57.31	+2.6215	+0.0110	+36 49 20.3	+17.906	+0.164	78.7	VI VIII	36 4806
477	10609	8.9	14 51.67	2.6471	0.0108	35 40 45.8	17.981	0.163	78.7	» »	35 4768
478	10615	9.4	15 26.97	2.6599	0.0107	34 59 40.0	18.004	0.163	78.7	II IV	34 4660
479	10618	9.2	15 41.89	2.6483	0.0110	35 48 25.0	18.013	0.162	78.7	VI VIII	35 4773
480	10620	8.9	16 14.19	2.6613	0.0108	35 5 44.5	18.034	0.162	78.7	II IV	34 4664
481	10631	9.0	22 17 9.11	+2.6527	+0.0112	+35 52 51.1	+18.069	+0.160	78.7	VI VIII	35 4784
482	10647	8.9	19 4.11	2.6740	0.0111	34 56 42.1	18.141	0.158	78.7	» »	34 4675
483	10652	9.0	19 58.73	2.6755	0.0112	35 4 25.1	18.175	0.157	78.7	» »	34 4680
484	10659	9.0	20 41.09	2.6783	0.0113	35 3 21.7	18.201	0.156	78.7	II IV	34 4684
485	10671	9.1	21 39.33	2.6777	0.0115	35 21 1.0	18.236	0.155	78.7	VI VIII	35 4805

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
486	10678	9.2	22h 22m 11s.29	+2s.6863	+0s.0114	+34° 53′ 12″.3	+18″.255	+0″.154	78.7	II IV	34° 4691
487	10683	8.7	22 42.05	2.6614	0.0121	36 43 20.4	18.274	0.152	78.7	VI VIII	36 4839
488	10692	8.0	23 59.86	2.6872	0.0117	35 18 2.6	18.321	0.152	78.7	» »	35 4815
489	10695	7.3	24 6.69	2.6907	0.0117	35 5 14.7	18.325	0.152	78.7	II IV	34 4700
490	10705	8.9	25 12.77	2.6908	0.0119	35 22 20.0	18.363	0.150	78.7	VI VIII	35 4822
491	10709	8.8	22 25 39.96	+2.6939	+0.0119	+35 16 7.0	+18.379	+0.149	78.7	II IV	35 4825
492	10720	9.1	26 34.60	2.6981	0.0120	35 12 57.0	18.411	0.148	78.7	II IV VI VIII	35 4831
493	10735	8.6	28 11.64	2.7041	0.0122	35 13 46.6	18.467	0.146	78.7	VI VIII	35 4837
494	10743	9.1	28 51.06	2.7088	0.0122	35 3 52.6	18.489	0.144	78.7	II IV	34 4719
495	10756	8.5	29 59.89	2.7045	0.0126	35 42 27.6	18.528	0.143	78.7	VI VIII	35 4840
496	10762	9.1	22 30 26.54	+2.7043	+0.0127	+35 50 52.6	+18.543	+0.143	78.7	» »	35 4843
497	10763	6.8	30 27.23	2.7166	0.0123	34 55 57.7	18.543	0.143	78.7	II IV	34 4728
498	10774	7.4	31 7.88	2.7182	0.0124	35 0 17.7	18.565	0.142	78.7	» »	34 4729
499	10788	8.7	32 6.27	2.7084	0.0130	36 1 58.7	18.597	0.140	78.7	VI VIII	35 4850
500	10791	9.0	32 51.18	2.7215	0.0127	35 15 24.1	18.622	0.139	78.7	II IV	35 4853
501	10795	8.8	22 33 14.12	+2.7130	+0.0131	+36 0 53.8	+18.634	+0.139	78.7	VI VIII	35 4855
502	—	8.8	34 34.98	2.7326	0.0128	34 54 24.4	18.677	0.137	78.7	II IV	34 4742
503	10829	9.1	35 32.21	2.7376	0.0128	34 47 43.7	18.708	0.136	78.7	VI VIII	34 4746
504	10835	9.1	36 7.68	2.7364	0.0130	35 3 58.0	18.726	0.135	78.7	II IV	34 4750
505	10840	9.3	36 37.54	2.7392	0.0130	34 59 53.4	18.742	0.134	78.7	VI VIII	34 4754
506	10844	9.0	22 37 2.95	+2.7428	+0.0130	+34 50 1.9	+18.755	+0.133	78.7	» »	34 4756
507	10852	8.9	37 34.08	2.7411	0.0132	35 8 17.8	18.771	0.133	78.7	II IV	35 4867
508	10862	9.0	38 44.57	2.7394	0.0135	35 38 41.8	18.807	0.131	78.7	VI VIII	35 4873
509	10866	9.2	39 30.77	2.7469	0.0135	35 16 27.9	18.830	0.130	78.7	II IV	35 4875
510	—	9.4	39 56.55	2.7433	0.0138	35 42 51.2	18.843	0.129	78.7	VIII	[35 4876]
511	10870	9.4	22 40 1.00	+2.7438	+0.0137	+35 41 28.7	+18.845	+0.129	78.7	VI	35 4878
512	10872	8.0	40 15.04	2.7529	0.0134	35 0 42.9	18.852	0.129	78.7	II IV	34 4766
513	10882	9.1	41 21.97	2.7512	0.0138	35 31 16.8	18.885	0.127	78.7	VI VIII	35 4880
514	10884	9.0	41 52.14	2.7591	0.0136	35 1 17.4	18.900	0.126	78.7	II IV	34 4771
515	10889	9.2	42 40.46	2.7533	0.0141	35 46 36.3	18.924	0.125	78.7	VI VIII	35 4884
516	10902	9.0	22 43 44.26	+2.7683	+0.0138	+34 50 23.1	+18.954	+0.123	78.7	II IV	34 4773
517	10908	8.6	44 27.71	2.7573	0.0145	36 2 42.1	18.975	0.122	78.7	VI VIII	35 4893
518	10913	8.6	45 19.00	2.7723	0.0140	35 1 27.2	18.999	0.121	78.7	II IV	34 4776
519	10918	8.6	45 43.85	2.7648	0.0145	35 50 31.3	19.011	0.120	78.7	VI VIII	35 4900
520	10925	8.5	46 19.53	2.7777	0.0141	34 53 4.6	19.027	0.120	78.7	II IV	34 4778
521	10934	9.2	22 47 20.44	+2.7782	+0.0144	+35 12 25.9	+19.055	+0.118	78.7	VI VIII	35 4904
522	10945	9.2	48 14.10	2.7742	0.0149	35 53 42.0	19.079	0.117	78.7	II IV	35 4906
523	10952	8.0	48 53.68	2.7830	0.0146	35 19 5.5	19.097	0.116	78.7	VI VIII	35 4908
524	10953	8.4	49 10.16	2.7837	0.0147	35 21 41.9	19.104	0.115	78.7	» »	35 4909
525	10966	8.2	50 18.40	2.7917	0.0146	35 1 40.6	19.134	0.114	78.7	II IV	34 4797
526	10971	8.6	22 50 54.60	+2.7906	+0.0149	+35 21 33.5	+19.150	+0.113	78.7	VI VIII	35 4924
527	10973	8.8	51 11.12	2.7867	0.0152	35 50 18.1	19.157	0.112	78.7	II IV	35 4926
528	10983	9.0	52 18.54	2.7939	0.0152	35 34 3.4	19.186	0.110	78.7	VI VIII	35 4928
529	10984	8.5	52 25.39	2.7949	0.0152	35 31 18.0	19.189	0.110	78.7	II IV	35 4930
530	10990	9.0	53 33.12	2.7887	0.0157	36 34 25.7	19.217	0.108	78.7	VI VIII	36 4973
531	11006	8.6	22 54 32.87	+2.8075	+0.0152	+35 6 10.0	+19.242	+0.107	78.7	II IV	34 4817
532	11008	8.9	54 52.13	2.8054	0.0154	35 26 43.1	19.250	0.106	78.7	VI VIII	35 4941
533	11017	9.1	56 6.10	2.8091	0.0156	35 34 12.1	19.280	0.104	78.7	II IV	35 4945
534	11030	8.8[1]	57 47.24	2.8181	0.0157	35 19 57.6	19.320	0.102	78.7	» »	35 4949
535	11032	8.9	57 48.26	2.8181	0.0157	35 20 41.7	19.320	0.102	78.7	VI[2] VIII	35 4950

[1] Dpl. praec. [2] Dpl.?

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
536	11037	8.9	22h 58m 17s.49	+2s.8080	+0s.0164	+36° 36′ 39″.6	+19″.332	+0″.101	78.7	VI VIII	36° 4997
537	11038	9.3	58 19.75	2.8184	0.0159	35 31 55.8	19.333	0.101	78.7	II	[35 4951]
538	11044	9.0	59 53.43	2.8244	0.0161	35 34 4.0	19.369	0.098	78.7	VI VIII	35 4957
539	11047	7.2	23 0 18.54	2.8208	0.0164	36 8 45.3	19.378	0.098	78.8	XI XII	36 5003
540	11048	8.9	0 29.26	2.8312	0.0159	35 5 23.7	19.382	0.097	78.7	II IV	34 4841
541	11049	7.8	23 0 31.14	+2.8052	+0.0173	+37 53 38.7	+19.383	+0.096	78.9	XIV XVII	37 4765
542	11050	9.1	0 36.88	2.8209	0.0165	36 16 26.3	19.385	0.097	78.9	» »	36 5004
543	11054	7.4	1 8.81	2.8349	0.0159	34 57 38.2	19.397	0.096	78.7	II IV	34 4847
544	11058	8.7	1 35.45	2.8307	0.0163	35 37 35.0	19.406	0.095	78.7	VI VIII	35 4958
545	11060	9.0	2 0.47	2.8294	0.0165	35 57 48.4	19.416	0.095	78.8	XI XII	35 4960
546	11063	7.8	23 2 53.40	+2.8101	+0.0180	+38 29 29.8	+19.435	+0.092	78.9	XIV XVII	38 4939
547	11070	8.3	3 53.17	2.8280	0.0173	37 0 36.6	19.456	0.091	78.8	XI XII	36 5010
548	11072	8.1	4 3.01	2.8359	0.0169	36 11 5.2	19.460	0.092	78.9	XIV XVII[1]	36 5011
549	11074	9.0	4 14.15	2.8464	0.0163	35 2 9.1	19.464	0.091	78.7	II IV	34 4854
550	11077	9.4	4 46.86	2.8498	0.0163	34 53 19.2	19.475	0.090	78.7	VI VIII	*34 4857*
551	11081	9.1	23 5 34.47	+2.8419	+0.0171	+36 13 0.5	+19.492	+0.089	78.8	XI XII	36 5017
552	11082	8.3	5 42.79	2.8433	0.0171	36 7 0.7	19.494	0.089	78.9	XIV XVII	36 5020
553	11083	9.4	5 43.32	2.8445	0.0170	35 59 28.9	19.494	0.089	78.7	VI VIII	35 4972
554	11087	9.0	6 0.64	2.8517	0.0166	35 15 23.1	19.500	0.088	78.9	XIV XVII	35 4974
555	11088	8.8	6 2.34	2.8537	0.0165	35 1 30.9	19.501	0.088	78.7	II IV	34 4864
556	11089	9.1	23 6 11.74	+2.8454	+0.0171	+36 6 13.2	+19.504	+0.088	78.8	XI XII	35 4975
557	11091	7.4	6 27.49	2.8450	0.0172	36 17 17.3	19.509	0.087	78.9	XIV XVII	36 5021
558	11092	9.1	6 43.01	2.8562	0.0166	35 2 55.9	19.515	0.087	78.7	VI VIII	34 4869
559	11095	8.8	7 19.63	2.8482	0.0174	36 20 28.2	19.527	0.086	78.8	XI	36 5023
560	11096	8.6	7 28.00	2.8589	0.0167	35 4 56.4	19.530	0.086	78.7	II IV	34 4870
561	11097	9.0	23 7 40.08	+2.8577	+0.0169	+35 20 0.3	+19.534	+0.086	78.9	XII XIV XVII	35 4983
562	11102	9.1	8 3.66	2.8549	0.0172	35 53 18.1	19.541	0.085	78.7	VI VIII	35 4984
563	11105	8.4[2]	8 59.43	2.8637	0.0170	35 15 7.5	19.560	0.084	78.8	XI XII	35 4986
564	11107	8.9	9 24.74	2.8626	0.0172	35 37 3.0	19.568	0.083	78.7	VI VIII	35 4988
565	11108	8.7	9 30.91	2.8471	0.0184	37 37 10.1	19.570	0.082	78.9	XIV XVII	37 4797
566	11110	8.6	23 10 19.90	+2.8572	+0.0180	+36 47 51.3	+19.585	+0.081	78.9	» »	36 5032
567	11111	8.8	10 20.60	2.8563	0.0181	36 54 58.1	19.585	0.081	78.9	» »	36 5033
568	11115	9.1	10 50.25	2.8648	0.0176	36 4 48.7	19.595	0.081	78.7	II IV	35 4991
569	11121	9.0	11 19.84	2.8697	0.0175	35 42 39.9	19.604	0.080	78.7	VI VIII	35 4992
570	11122	9.4	11 24.28	2.8696	0.0176	35 46 24.1	19.605	0.080	78.8	XI XII	35 4993
571	11123	8.8	23 11 32.21	+2.8734	+0.0172	+35 19 24.2	+19.608	+0.079	78.8	XI	35 4995
572	11127	9.0	12 29.02	2.8748	0.0176	35 39 34.7	19.625	0.078	78.7	II IV	35 4999
573	—	9.2	12 29.99	2.8774	0.0174	35 17 54.4	19.625	0.078	78.7	XII	[35 4998]
574	11128	8.8	12 30.37	2.8649	0.0184	37 0 38.9	19.625	0.077	78.9	XIV XVII	36 5040
575	11129	8.0	12 40.58	2.8774	0.0175	35 24 24.3	19.628	0.077	78.7	VI VIII	35 5001
576	11132	9.0	23 12 53.85	+2.8754	+0.0177	+35 48 9.2	+19.632	+0.077	78.9	XI XII	35 5002
577	11134	8.9	13 4.31	2.8737	0.0180	36 8 33.8	19.635	0.077	78.9	XIV XVII	36 5042
578	11137	9.1	13 22.24	2.8784	0.0177	35 39 10.6	19.641	0.076	78.7	VI VIII	35 5006
579	11138	7.1	13 22.48	2.8821	0.0175	35 8 31.4	19.641	0.076	78.7	II IV	35 5007
580	11142	8.7	13 59.02	2.8830	0.0176	35 21 35.1	19.651	0.075	78.8	XI XII	35 5009
581	11145	8.9	23 14 14.57	+2.8757	+0.0184	+36 33 2.2	+19.656	+0.075	78.9	XIV XVII	36 5046
582	11147	8.6	14 41.72	2.8756	0.0186	36 50 10.7	19.664	0.074	78.9	» »	36 5048
583	11153	7.2	15 17.02	2.8705	0.0193	37 53 52.7	19.674	0.073	78.9	» »	37 4820
584	11154	7.7	15 20.35	2.8854	0.0180	35 48 58.9	19.675	0.073	78.7	II IV	35 5012
585	11156	8.9	15 33.07	2.8906	0.0177	35 11 23.6	19.678	0.073	78.8	XI XII	35 5014

[1] Dpl. seq. [2] Tripl.

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
586	11158	8.9	$23^h\ 15^m\ 43^s.45$	$+2^s.8865$	$+0^s.0181$	$+35°\ 53'\ 47''.1$	$+19''.681$	$+0''.072$	78.7	VI VIII	35° 5015
587	—	9.2	16 25.48	2.8859	0.0186	36 24 45.0	19.693	0.071	78.9	XVII	[36 5053]
588	11159	8.9	16 28.67	2.8903	0.0182	35 47 28.7	19.694	0.071	78.7	II IV	35 5020
589	11161	9.1	16 56.06	2.8872	0.0187	36 32 30.5	19.701	0.070	78.8	XI XII	36 5054
590	11162	9.0	16 57.91	2.8881	0.0186	36 25 9.5	19.702	0.070	78.9	XIV	36 5055
591	11165	9.5	23 17 33.12	+2.8949	+0.0183	+35 45 45.4	+19.711	+0.069	78.7	VIII	35 5023
592	11167	8.8	17 39.54	2.8874	0.0191	36 58 4.8	19.713	0.069	78.9	XIV XVII	36 5058
593	11171	8.6	17 51.60	2.8899	0.0189	36 43 14.6	19.716	0.068	78.8	XI XII	36 5060
594	11178	8.0	18 39.39	2.9000	0.0183	35 40 33.2	19.729	0.067	78.7	VI VIII	35 5024
595	11180	7.6	19 16.05	2.9038	0.0183	35 28 39.9	19.738	0.066	78.7	II IV	35 5025
596	11185	6.9	23 19 58.25	+2.8865	+0.0204	+38 39 12.4	+19.749	+0.064	78.9	XIV XVII	38 4999
597	11190	9.0	20 39.33	2.9050	0.0189	36 12 55.1	19.759	0.064	78.9	» »	36 5066
598	11191	8.8	20 43.64	2.9101	0.0184	35 24 57.7	19.761	0.064	78.7	VI VIII	35 5028
599	11192	9.0	20 47.08	2.9076	0.0187	35 53 16.0	19.762	0.064	78.8	XII	35 5029
600	—	9.5	20 58.29	2.9083	0.0200	35 53 34.3	19.764	0.063	78.8	XI	— —
601	11196	8.9	23 21 5.64	+2.9067	+0.0190	+36 13 57.2	+19.766	+0.063	78.8	XI XII	36 5067
602	11197	8.6	21 7.51	2.9126	0.0184	35 16 37.7	19.766	0.063	78.7	II IV	35 5030
603	11199	8.8	21 25.44	2.9074	0.0191	36 21 39.1	19.771	0.063	78.7	VI VIII	36 5069
604	11201	8.2	21 33.61	2.9006	0.0199	37 33 22.7	19.773	0.062	78.9	XIV XVII	37 4846
605	11202	8.9	22 14.56	2.9124	0.0191	36 5 33.2	19.783	0.061	78.8	XI XII	35 5034
606	11207	8.8	23 22 57.37	+2.9210	+0.0185	+35 6 33.3	+19.793	+0.060	78.7	II IV	35 5038
607	11209	8.9	23 10.82	2.9077	0.0201	37 33 50.5	19.796	0.059	78.9	XIV XVII	37 4850
608	11211	7.3	23 30.89	2.9069	0.0204	37 57 16.3	19.801	0.059	78.9	» »	37 4852
609	11213	9.0	23 59.79	2.9207	0.0193	35 55 20.3	19.807	0.059	78.7	VI VIII	35 5039
610	11214	9.0	24 4.87	2.9226	0.0190	35 38 44.4	19.808	0.058	78.8	XI XII	35 5040
611	11217	6.8	23 24 33.52	+2.9115	+0.0206	+37 58 21.2	+19.815	+0.057	78.9	XIV XVII	37 4856
612	11218	9.0	24 44.79	2.9292	0.0186	34 55 20.2	19.817	0.057	78.7	II IV	*34 4941*
613	11222	9.0	25 50.19	2.9223	0.0202	37 3 48.1	19.832	0.054	78.9	XIV XVII	36 5076
614	11224	8.6	25 51.48	2.9314	0.0191	35 22 8.4	19.832	0.055	78.7	II IV	35 5044
615	11226	9.0	26 5.12	2.9327	0.0190	35 18 23.9	19.835	0.055	78.8	VI VIII XII	35 5045
616	11228	8.2	23 26 14.43	+2.9332	+0.0191	+35 19 4.1	+19.837	+0.054	78.8	XI	35 5047
617	—	9.4	26 34.54	2.9370	0.0189	34 50 57.1	19.841	0.054	78.7	VIII	*34 4949*
618	11230	8.3	27 0.92	2.9387	0.0188	34 51 35.8	19.847	0.053	78.7	II IV	*34 4951*
619	11234	8.0	28 31.60	2.9338	0.0206	37 6 22.3	19.865	0.050	78.9	XIV XVII	36 5082
620	11236	9.5	28 33.88	2.9421	0.0194	35 26 48.4	19.866	0.050	78.8	XII	35 5053
621	11237	8.0	23 28 34.65	+2.9418	+0.0195	+35 30 48.2	+19.866	+0.050	78.9	XIV XVII	35 5054
622	11239	9.3	28 58.43	2.9456	0.0192	35 4 4.8	19.871	0.050	78.7	VI VIII	34 4956
623	11242	8.7	29 20.93	2.9474	0.0192	35 0 43.2	19.875	0.049	78.7	II IV	34 4958
624	11244	8.8	29 23.66	2.9478	0.0192	34 57 48.0	19.876	0.049	78.7	VI VIII	34 4959
625	11246	8.9	29 41.90	2.9447	0.0199	35 53 13.2	19.879	0.049	78.8	XI XII	35 5057
626	11247	9.0	23 30 33.03	+2.9499	+0.0198	+35 32 48.3	+19.889	+0.047	78.8	XI XII	35 5061
627	11249	9.5	30 51.58	2.9504	0.0199	35 42 39.1	19.892	0.046	78.7	VIII	35 5062
628	11250	8.4	30 52.04	2.9531	0.0195	35 6 27.8	19.892	0.046	78.7	II IV	34 4966
629	—	8.9	31 46.12	2.9578	0.0195	34 53 20.0	19.902	0.045	78.9	XIV XVII	*34 4968*
630	—	9.0	32 1.77	2.9588	0.0195	34 53 26.3	19.905	0.044	78.9	XVII	*34 4970*
631	11264	9.1	23 32 19.67	+2.9568	+0.0200	+35 38 20.9	+19.908	+0.044	78.8	XI XII	35 5068
632	—	8.1	32 27.36	2.9607	0.0196	34 50 35.5	19.910	0.044	78.9	XIV XVII	*34 4973*
633	11276	9.2	33 41.06	2.9566	0.0212	37 2 59.4	19.922	0.040	78.8	XI XII	36 5096
634	11279	9.0	34 10.49	2.9645	0.0202	35 38 8.2	19.927	0.040	78.8	XII	35 5073
635	11281	6.5	34 26.16	2.9640	0.0205	36 1 37.8	19.930	0.040	78.9	XIV XVII	35 5074

Lfde. Nr.	Nr. Hpt.-C.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
636	11284	8.3	23h 34m 47s.69	+2s.9685	+0s.0201	+35° 16′ 44″.1	+19″.933	+0″.039	78.9	XIV XVII	35° 5076
637	11292	8.5	35 28.56	2.9699	0.0204	35 37 52.6	19.940	0.038	78.8	XI XII	35 5079
638	11293	9.0	35 34.85	2.9685	0.0207	36 6 4.9	19.940	0.037	78.9	XIV XVII	35 5080
639	11297	9.2	36 29.98	2.9749	0.0204	35 25 44.3	19.949	0.036	78.8	XI XII	35 5082
640	11302	8.8	36 59.94	2.9740	0.0210	36 14 36.9	19.953	0.035	78.9	XIV XVII	36 5108
641	11308	9.0	23 37 55.33	+2.9798	+0.0207	+35 42 22.9	+19.961	+0.033	78.8	XI XII	35 5083
642	11309	8.0	38 1.34	2.9805	0.0207	35 38 38.9	19.962	0.033	78.9	XIV XVII	35 5086
643	11311	8.4	38 33.10	2.9827	0.0208	35 38 9.1	19.967	0.032	78.8	XI XII	35 5090
644	11312	9.1	39 13.40	2.9839	0.0212	36 8 25.6	19.972	0.030	78.9	XIV XVII	36 5112
645	11316	8.8	39 36.10	2.9830	0.0218	36 54 48.0	19.975	0.030	78.9	» »	36 5114
646	11320	9.0	23 40 21.30	+2.9908	+0.0208	+35 25 14.5	+19.981	+0.029	78.8	XI XII	35 5094
647	11321	8.2	40 28.52	2.9871	0.0218	36 48 52.8	19.982	0.028	78.9	XIV XVII	36 5117
648	11325	9.0	41 17.45	2.9942	0.0211	35 35 59.1	19.987	0.027	78.8	XI XII	35 5098
649	11328	9.0	41 48.57	2.9973	0.0208	35 16 59.4	19.991	0.026	78.9	XIV XVII	35 5102
650	11329	8.9	42 12.72	2.9989	0.0210	35 16 41.7	19.994	0.026	78.8	XI XII	35 5104
651	11336	9.1	23 43 9.57	+3.0036	+0.0209	+34 58 21.1	+20.000	+0.024	78.9	XIV XVII	34 5013
652	11338	5.5	43 23.90	3.0026	0.0214	35 43 55.6	20.002	0.023	78.8	XI XII	35 5110
653	11339	8.2	43 48.59	3.0060	0.0210	35 4 38.5	20.004	0.023	78.9	XIV XVII	34 5016
654	11340	9.1	44 26.84	3.0065	0.0217	35 56 23.2	20.008	0.021	78.8	XI XII	35 5114
655	11344	9.0	44 55.24	3.0109	0.0210	34 53 58.3	20.011	0.021	78.9	XIV XVII	*34 5020*
656	11358	7.9	23 45 49.64	+3.0130	+0.0217	+35 39 39.6	+20.016	+0.019	78.8	XI XII	35 5124
657	11363	9.0	46 37.44	3.0154	0.0221	36 4 44.5	20.020	0.017	78.9	XIV XVII	35 5126
658	11365	8.0	46 57.44	3.0191	0.0213	34 57 24.1	20.022	0.017	78.9	» »	*34 5029*
659	11371	9.0	48 13.51	3.0184	0.0239	38 6 53.5	20.028	0.014	78.9	» »	37 4902
660	11372	8.7	48 28.75	3.0215	0.0229	36 53 56.8	20.029	0.014	78.8	XI XII	36 5130
661	11374	9.0	23 48 56.63	+3.0254	+0.0223	+35 58 20.8	+20.031	+0.013	78.8	» »	35 5130
662	11378	8.4	49 5.91	3.0273	0.0218	35 15 35.1	20.032	0.013	78.9	XIV XVII	35 5133
663	11380	9.0	49 28.06	3.0260	0.0231	37 0 27.2	20.033	0.012	78.9	» »	36 5134
664	11381	8.9	50 16.03	3.0317	0.0221	35 32 2.5	20.036	0.010	78.8	XI XII	35 5135
665	11384	9.1	50 52.20	3.0319	0.0234	37 9 8.6	20.038	0.009	78.9	XIV XVII	37 4908
666	11387	9.1	23 52 9.70	+3.0398	+0.0222	+35 23 36.7	+20.042	+0.007	78.8	XI XII	35 5142
667	11388	8.8	52 12.70	3.0390	0.0228	36 12 45.0	20.043	0.007	78.9	XIV XVII	36 5138
668	11393	9.0	52 59.27	3.0429	0.0225	35 40 38.6	20.045	0.005	78.9	» »	35 5145
669	11396	9.2	53 20.54	3.0442	0.0227	35 54 5.5	20.046	0.004	78.8	XI XII	35 5148
670	11400	8.7	53 45.98	3.0460	0.0228	35 53 22.8	20.047	0.003	78.9	XIV XVII	35 5149
671	11403	8.9	23 54 4.78	+3.0471	+0.0229	+36 2 38.2	+20.048	+0.003	78.8	XI XII	35 5150
672	11408	9.4	54 28.85	3.0496	0.0222	35 3 28.6	20.048	+0.002	78.9	XIV XVII	34 5045
673	11415	8.6	55 25.24	3.0531	0.0228	35 39 14.9	20.050	0.000	78.8	XI XII	35 5156
674	11422	8.7	55 52.58	3.0551	0.0227	35 31 28.8	20.051	−0.001	78.9	XIV XVII	35 5158
675	11425	8.2	56 21.90	3.0573	0.0225	35 7 10.4	20.052	−0.002	78.8	XI XII	35 5159
676	11427	9.3	23 56 34.09	+3.0580	+0.0227	+35 18 51.3	+20.052	−0.002	78.9	XIV XVII	35 5161
677	11433	8.6	57 32.35	3.0617	0.0235	36 16 26.7	20.053	0.004	78.8	XI XII	36 5146
678	11435	8.9	58 15.06	3.0651	0.0227	35 5 29.2	20.054	0.006	78.9	XIV XVII	34 5059
679	11440	8.4	58 47.32	3.0672	0.0231	35 36 28.6	20.054	0.007	78.8	XI XII	35 5164
680	11441	7.2	58 47.78	3.0674	0.0226	34 52 33.7	20.054	0.007	78.9	XIV XVII	*34 5061*
681	11450	9.4	23 59 56.00	+3.0719	+0.0229	+35 10 38.3	+20.054	−0.009	78.8	XI XII	35 5170

Berichtigungen.

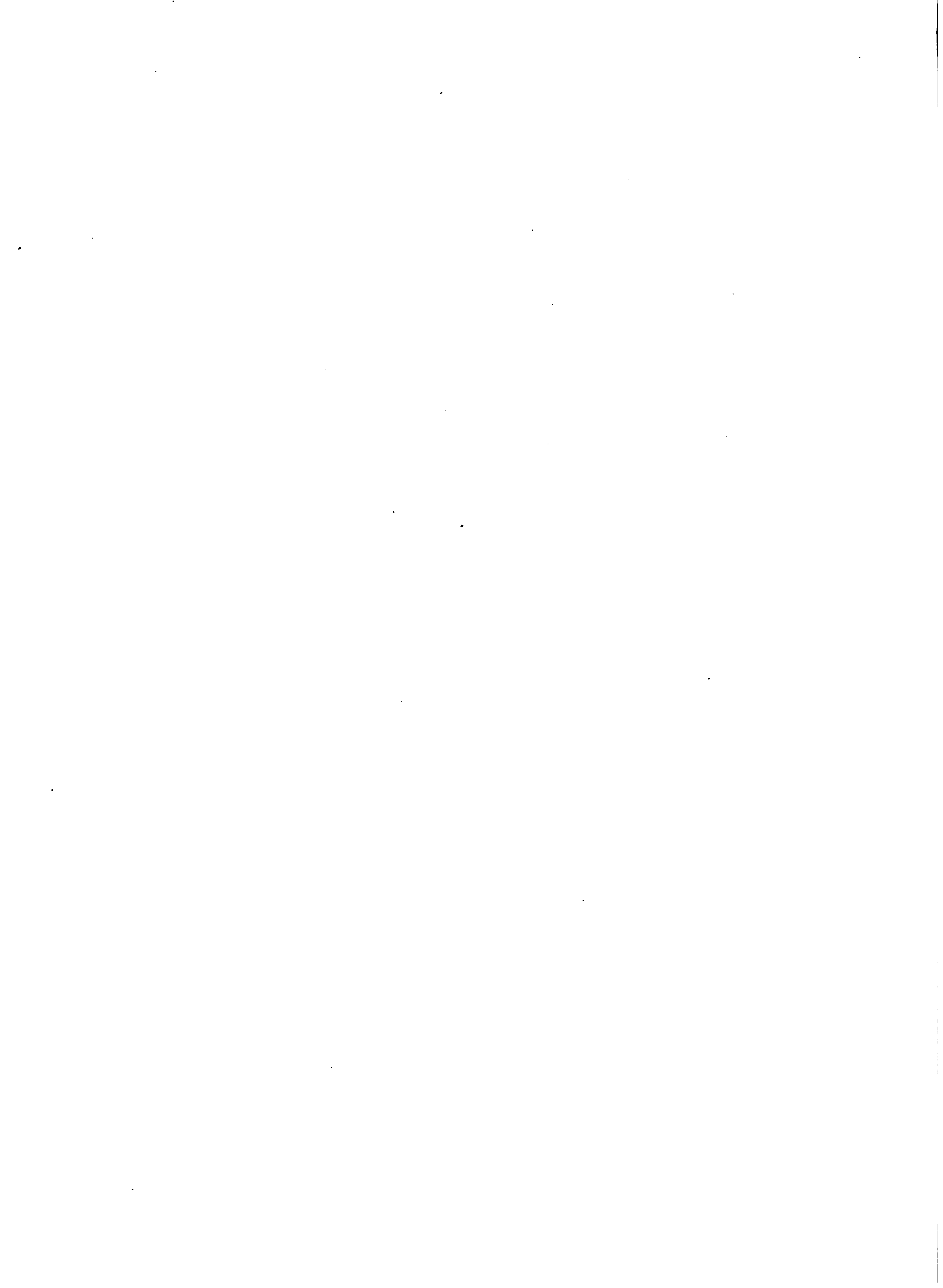
Seite	Nr.	
5	187	Zonen st. 55 534 l. 52 544
8	322	Bem.[8] ist zu vervollständigen: Dpl. $10''$ seq., Com. $9^m.1$; Z. 94 med. $28^s.17$ $22''.7$
133	6573	Praec. st. $10''.532$ l. $10''.531$; V. s. st. $+0^s.0030$ l. $+0^s.0031$
204	10149	Praec. st. $2^s.4779$ l. $2^s.4783$
»	»	Decl. st. $35° 2' 44''.4$ l. $35° 1' 44''.4$

Berichtigungen zu Sternen mit beträchtlicher Eigenbewegung.

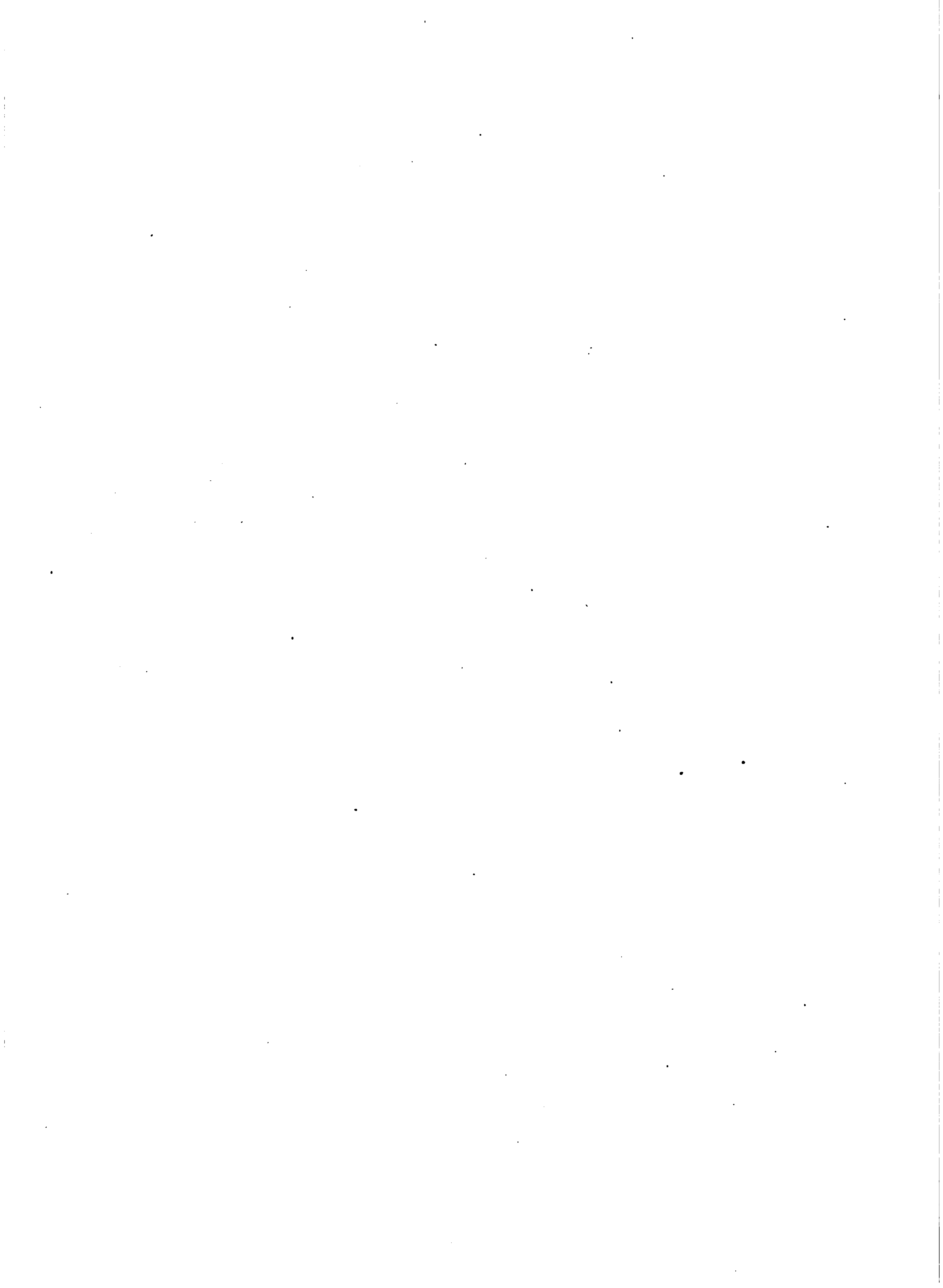
Seite	Nr.	
4	103	Praec. und V. s. st. $3^s.1326$ $+0^s.0265$ l. $3^s.1325$ $+0^s.0264$
»	»	Ep. Decl. st. 90.5 l. 90.6
7	260	RA. st. $59^s.14$ l. $59^s.13$; V. s. st. $+0^s.0307$ l. $+0^s.0306$
30	1432	Praec. st. $15''.209$ l. $15''.210$
31	1472	Ep. Decl. st. 90.0 l. 89.7
34	1603	Praec. st. $14''.196$ l. $14''.197$
43	2076	RA. st. $53^s.88$ l. $53^s.87$; V. s. st. $+0^s.0237$ l. $+0^s.0239$; Praec. st. $10''.412$ l. $10''.414$
44	2111	Decl. st. $32''.8$ l. $32''.7$; V. s. st. $-0''.504$ l. $-0''.505$
»	2120	Decl. st. $47''.3$ l. $47''.4$; Praec. st. $3^s.9574$ l. $3^s.9573$
»	2122	Praec. st. $10''.005$ l. $10''.006$
»	2127	Praec. st. $4^s.0397$ l. $4^s.0396$
54	2637	Praec. und V. s. st. $4^s.1672$ $+0^s.0134$ l. $4^s.1673$ $+0^s.0133$
»	»	Decl. st. $58''.0$ l. $58''.1$
60	2912	Ep. st. 89.5 l. 89.4; V. s. st. $-0''.594$ l. $-0''.593$
63	3093	Praec. st. $4^s.0224$ l. $4^s.0225$
68	3318	Praec. st. $4^s.0598$ $-1''.779$ l. $4^s.0599$ $-1''.780$; V. s. st. $-0^s.0028$ l. $-0^s.0029$
73	3570	Ep. st. 85.7 l. 85.4; V. s. st. $-0''.587$ l. $-0''.588$
84	4127	Praec. st. $3^s.9037$ $-10''.183$ l. $3^s.9038$ $-10''.182$
85	4178	V. s. st. $-0^s.0255$ l. $-0^s.0256$
95	4680	V. s. st. $-0^s.0289$ l. $-0^s.0288$
97	4752	RA. st. $7^s.80$ l. $7^s.79$; Praec. und V. s. st. $3^s.6055$ $-0^s.0284$ l. $3^s.6056$ $-0^s.0283$
98	4808	Ep. st. 90.4 l. 90.3; Praec. st. $3^s.6208$ l. $3^s.6209$
104	5104	Ep. st. 89.3 l. 89.4
106	5231	Ep. st. 89.4 l. 89.5
»	5233	Praec. und V. s. st. $3^s.2182$ $-0^s.0249$ l. $3^s.2181$ $-0^s.0248$
107	5297	Praec. und V. s. st. $3^s.1380$ $-0^s.0235$ l. $3^s.1385$ $-0^s.0237$
112	5522	Praec. st. $2^s.9180$ l. $2^s.9179$; V. s. st. $+0''.079$ l. $+0''.078$
»	5534	Ep. st. 90.5 l. 90.4; Praec. st. $2^s.8822$ l. $2^s.8823$; V. s. st. $+0''.080$ l. $+0''.079$
116	5723	Praec. und V. s. st. $2^s.7674$ $-0^s.0104$ l. $2^s.7673$ $-0^s.0105$
»	5733	Praec. st. $2^s.7291$ l. $2^s.7292$
118	5836	V. s. st. $+0''.159$ l. $+0''.158$
125	6189	Decl. st. $53''.7$ l. $53''.6$; V. s. st. $+0''.227$ l. $+0''.226$; Ep. st. 89.3 89.7 l. 90.6 90.8
126	6230	Praec. st. $15''.125$ l. $15''.123$
»	6236	Ep. st. 89.1 89.4 l. 89.0 89.3; Praec. st. $2^s.3869$ l. $2^s.3870$
128	6314	Praec. st. $2^s.2875$ l. $2^s.2874$
130	6418	Praec. und V. s. st. $12''.732$ $+0''.262$ l. $12''.733$ $+0''.263$
133	6551	Ep. st. 86.9 l. 86.8

Seite	Nr.	
134	6612	Ep. st. 89.5 l. 89.4; Praec. st. $9''.980$ l. $9''.979$
»	6621	V. s. st. $+0^s.0033$ l. $+0^s.0032$; Decl. st. $6''.8$ l. $6''.7$
»	6633	V. s. st. $+0''.284$ l. $+0''.285$
135	6657	Ep. st. 90.6 l. 90.5; Praec. st. $9''.378$ l. $9''.377$; V. s. st. $+0^s.0035$ $+0''.273$ l. $+0^s.0034$ $+0''.274$
139	6895	V. s. st. $+0''.294$ l. $+0''.295$
165	8192	Decl. st. $37''.9$ l. $37''.8$; V. s. st. $+0''.283$ l. $+0''.284$
178	8808	V. s. st. $+0''.272$ l. $+0''.273$
182	9016	Ep. st. 87.2 l. 87.3
193	9560	Praec. st. $12''.481$ l. $12''.480$
198	9812	Decl. st. $55''.9$ l. $56''.0$; Praec. st. $2^s.2691$ l. $2^s.2690$
209	10376	V. s. st. $+0^s.0087$ l. $+0^s.0086$
214	10642	Praec. st. $2^s.6251$ l. $2^s.6250$
226	11220	V. s. st. $+0^s.0210$ $+0''.055$ l. $+0^s.0211$ $+0''.056$
227	11281	Praec. und V. s. st. $2^s.9640$ $+0^s.0205$ l. $2^s.9641$ $+0^s.0206$

Berlin, gedruckt in der Reichsdruckerei.








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